STR-DE435/DE535/SE491/V424/V525

SERVICE MANUAL

US Model
STR-DE435/DE535/SE491

Canadian Model
STR-DE435/DE535

AEP Model
STR-DE435

E Model
STR-DE435/DE535

Australian Model
STR-DE435/DE535

Chinese Model
STR-V424/V525

Photo: STR-DE535

Dolby Laboratories Licensing Corporation.
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SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 8-ohm load, both channels driven, from 20[a] – 20,000 Hz rated 100 watts per channel minimum RMS power, with no more than 0.09%[b] total harmonic distortion from 250 milliwatts to rated output.
STR-SE491:
a) 40Hz
b) 0.5%

Amplifier section

Stereo mode	STR-DE535/DE435: (8Ω at 20Hz – 20kH less than 0.09% total harmonic distortion) 100W + 100W STR-SE491: (8Ω at 40Hz – 20kHz less than 0.5% total harmonic distortion) 100W + 100W
Surround mode and 5.1CH/DVD mode	STR-DE535/435: (8Ω at 1kHz, THD 0.8%) Front: 100W/ch Center*: (Pro Logic Mode) 100W Rear*: 100W/ch STR-SE491: (8Ω at 1kHz, THD 0.5%) Front: 100W/ch Center*: 100W Rear*: 100W/ch
Frequency response	PHONO: RIAA equalization curve ±0.5dB (except STR-DE435) TV/SAT, CD, MD/TAPE, VIDEO, 5.1CH/DVD 10Hz – 50kHz ± 1dB

Inputs

	Sensitivity	Impedance	S/N
PHONO (except STR-DE435)	4mV	50 kilohms	86dB
CD, 5.1CH/DVD, MD/TAPE, TV/SAT, VIDEO	250mV	50 kilohms	96dB

Outputs	MD/TAPE REC OUT: Voltage: 250mV, Impedance: 10kilohms VIDEO AUDIO OUT: Voltage: 250mV, Impedance: 10kilohms WOOFER: Voltage: 2V Impedance: 1kilohms PHONES: Accepts low and high impedance headphones
Muting	Full mute
BASS BOOST	+8dB at 70Hz
TONE	±8dB at 100Hz and 10kHz

Tuner section

FM Stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range	87.5 – 108.0MHz
Antenna terminals	75Ω, unbalanced
Intermediate frequency	10.7MHz
Sensitivity	Mono: 18.3dBf, 4.5µV Stereo: 38.3dBf, 45µV
Usable sensitivity	11.2dBf, 2µV (IHF)
S/N	Mono: 76dB Stereo: 70dB
Harmonic distortion at 1kHz	Mono: 0.3% Stereo: 0.5%
Separation	45dB at 1kHz
Frequency response	30Hz –15kHz $^{+0.5}_{-2}$ dB
Selectivity	60dB at 400kHz

— Continued on next page —

FM STEREO FM-AM RECEIVER

MICROFILM

SONY®

AM tuner section

Tuning range	10kHz interval** 530 – 1,710kHz 9kHz interval 531 – 1,710kHz
Antenna	Loop antenna
Intermediate frequency	450kHz
Usable sensitivity	50dB/m (at 1,000kHz)
S/N	54dB (at 50mV/m)
Harmonic distortion	0.5% (50mV/m, 400Hz)
Selectivity	At 10kHz: 40dB At 9kHz: 35dB

** You can change the AM tuning interval between 9kHz and 10kHz. After tuning in any AM station, turn off the receiver.
Hold down the PRESET TUNING+ buttoh and press the I/⏻ (power) button. All preset stations will be erased when you change the interval. To reset the interval, repeat the procedure.

VIDEO section (except STR-SE491)

Inputs	VIDEO, TV/SAT, 5.1CH/DVD: 1Vp-p 75Ω
Outputs	VIDEO, MONITOR: 1Vp-p 75Ω

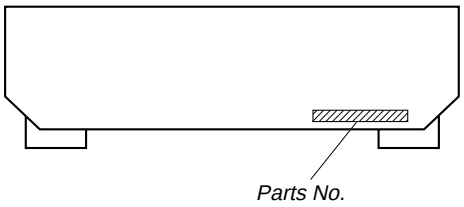
General

System	Tuner section: PLL quartz-locked digital synthesizer system Preamplifier section: Low-noise NF type equalizer Power amplifier section: Pure-complementary SEPP
Power requirements	120V AC, 60Hz
Power consumption	220W
AC outlets	STR-DE535/SE491: 2 switched, total 120W/1A Max STR-DE435: 1 switched, total 120W/1A Max
Dimensions	430 × 157 × 366 mm (17 × 6 1/8 × 14 5/8 inches)
Mass (Aporox.)	STR-DE535: 11.1kg (24 lb 6 oz) STR-DE435: 11.0kg (24 lb 3 oz) STR-DE491: 11.2kg (24 lb 9 oz)
Supplid accessories	FM wire antenna (1) AM loop antenna (1) Remote commander (remote) (1) LR6 (size - AA) batteries (3) (STR-DE535 only) R6 (size - AA) batteries (2) (STR-DE435/SE491 only)

* Depending on the sound field setting and the source, there may be no sound output.

Design and specifications are subject to change without notice.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PARTS No.
DE535: US model	4-216-927-0☐
DE535: Canadian model	4-216-927-1☐
DE535: Australian model	4-216-927-2☐
DE535: E model	4-216-927-3☐
DE535: Malaysia, Singapore model	4-216-927-4☐
V525: Chinese model	4-216-927-5☐
DE435: US model	4-217-181-0☐
DE435: Canadian model	4-217-181-1☐
DE435: Australian model	4-217-181-2☐
DE435: Malaysia, Singapore model	4-217-181-3☐
V424: Chinese model	4-217-181-4☐
DE435: AEP model	4-217-181-5☐
DE435: East European, CIS model	4-217-181-6☐
SE491: US model	4-217-181-7☐

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

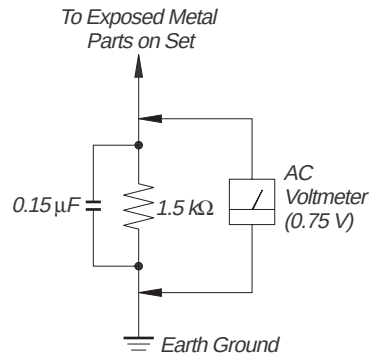


Fig. A. Using an AC voltmeter to check AC leakage.

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

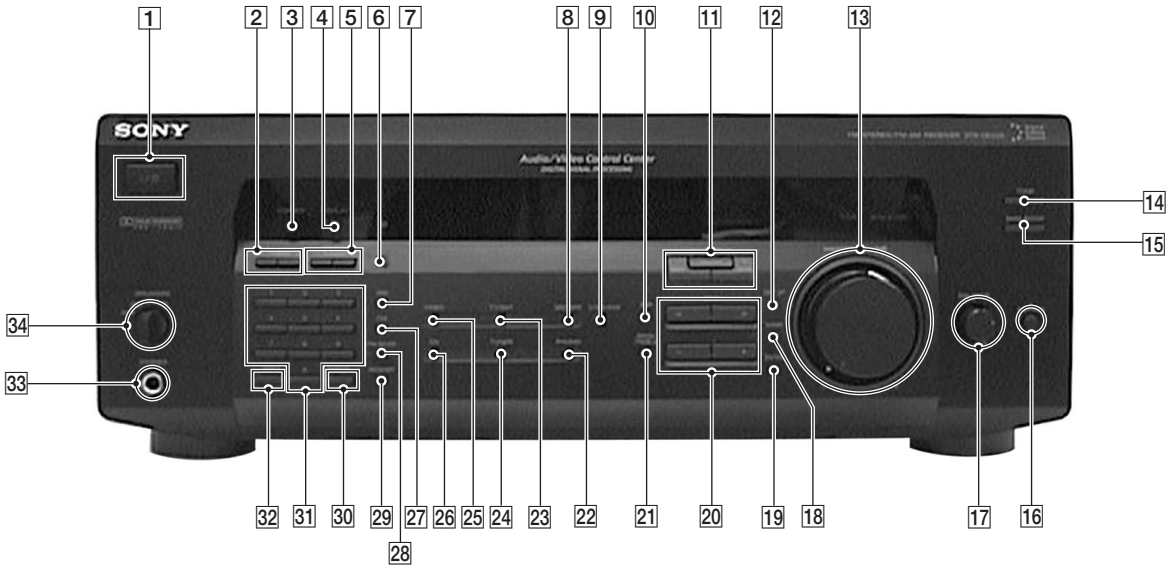
与安全有关的零部件须知

在原理图上用阴影及 ⚠ 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

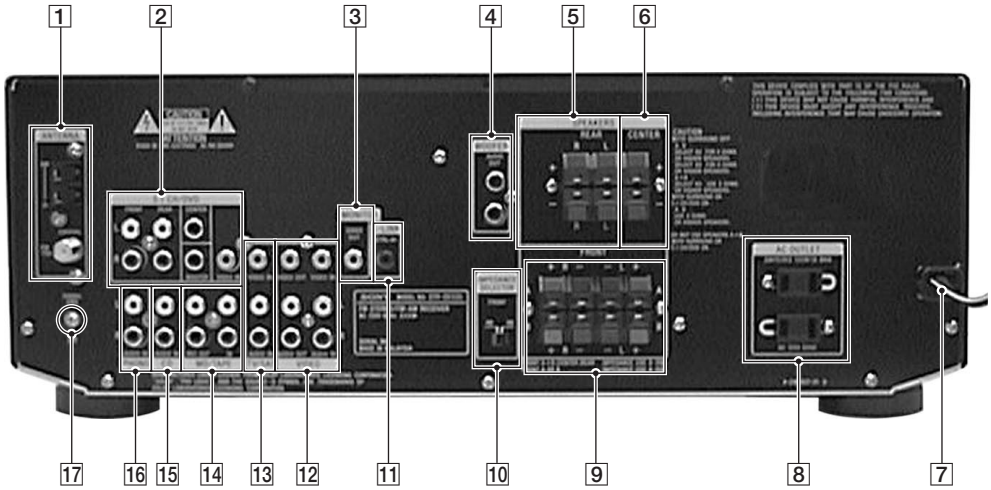
SECTION 1
GENETAL

Front Panel



1 I/⏻ (POWER) button
2 TUNING +, – button
3 DIMMER button
4 DISPLAY button
5 PRESET/PTY SELECT +, – buttons (DE435), PRESET TUNING +, – buttons (DE535)
6 RDS PTY button (DE435 only)
7 RDS EON button (DE435), AM button (DE535)
8 MD/TAPE button
9 5.1CH/DVD button
10 SUR button
11 SOUND FIELD ON/OFF, MODE +, – buttons
12 SET UP button
13 MASTER VOLUME control
14 TONE button
15 BASS BOOST button
16 MUTING button
17 BALANCE control
18 NAME button
19 ENTER button
20 MENU <, >, +, – buttons
21 BASS/TREBLE button
22 PHONO button (DE535 only)
23 TV/LD button (DE435), TV/SAT button (DE535)
24 TUNER button
25 VIDEO button
26 CD button
27 FM/AM button (DE435), FM button (DE535)
28 FM MODE button
29 MEMORY button
30 DIRECT button
31 Number buttons
32 SHIFT button
33 PHONES jack
34 SPEAKERS A. B switch

Rear Panel



1 ANTENNA (FM/AM)
2 5.1CH/DVD
3 MONITOR
4 WOOFER
5 SPEAKER (REAR)
6 SPEAKER (CENTER)
7 AC power cord
8 AC OUTLET
9 SPEAKER (FRONT)
10 IMPEDANCE SELECTOR (DE535 only)
11 S-LINK (DE535 only)
12 VIDEO
13 TV/LD (DE435), TV/SAT (DE535)
14 MD/TAPE
15 CD
16 PHONO (DE535 only)
17 ⏚ SIGNAL GND (DE535 only)

SECTION 2
TEST MODE

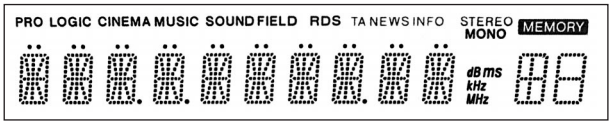
SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the MD/TAPE and the DIRECT buttons simultaneously, press the power [I/⏻] button to turn on the main power. The model name, destination and the software version are displayed.

FLUORESCENT INDICATOR TUBE TEST MODE

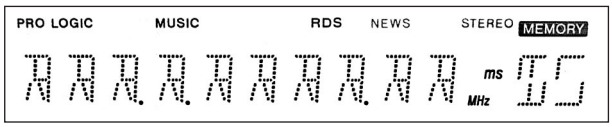
* All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.
* Procedure:
  While depressing the TV/SAT and the DIRECT buttons simultaneously, press the power [I/⏻] button to turn on the main power.

1. All segments turn on.



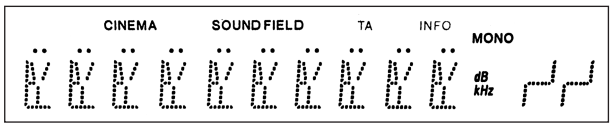
   VIDEO, TV/SAT, MD/TAPE, CD, TUNER and PHONO LED turn on.

2. Press the VIDEO button, confirm display



   5.1CH/DVD, SUR, BASS/TREBLE, SET UP and NAME LED turn on.

3. Press the VIDEO button, confirm display



   TONE, BASS BOOST and MUTING LED turn on.

4. Press the VIDEO button, All segments turn off.

5. Every pressing of the VIDEO button turns on each segment one after another in the following order.
   (Not only the VIDEO button, but also the other buttons sach as TV/SAT, MD/TAPE, CD, TUNER, PHONO, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0 can be used.)

FACTORY SET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the VIDEO and the DIRECT buttons simultaneously, press the power [I/⏻] button to turn on the main power. The message FACTORY appears and the present contents are reset to the default values.

ALL CLEAR MODE

* All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the TUNER and the MD/TAPE buttons simultaneously, press the power [I/⏻] button to turn on the main power. Alternatively, press I/⏻ more than 4S. The message ALL CLEAR appears and initialization is performed.

SURROUND CLEAR MODE

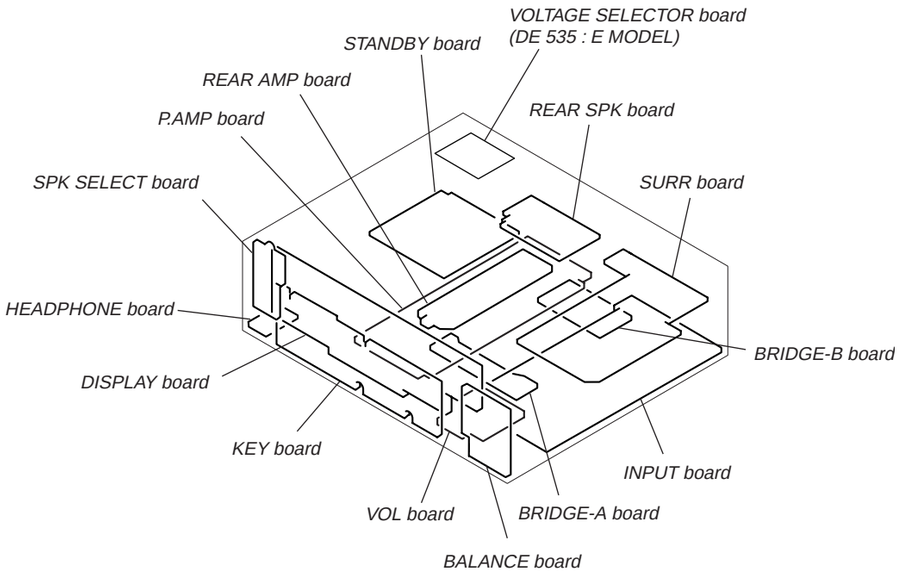
* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the SOUND FIELD ON/OFF button, press the power [I/⏻] button to turn on the main power. The message SUR CLEAR appears and initialization is performed.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Set the FUNCTION to AM. Turn off the main power.
  While depressing the TUNING+ button or the PRESET+ button, press the power [I/⏻] button to turn on the main power. Either the message AM 9k STEP or AM 10k STEP appears. Select the desired step.
* For US/Canadian/E model only

SECTIION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this necessary note is printed in each block.)

For schematic diagrams.
Note:

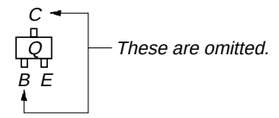
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

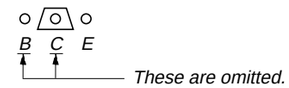
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。	

- B+ : B+ Line.
- B– : B– Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  No mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  : FM
  : CD
  : VIDEO
  : PHONO
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  CH : Chinese model
  MY : Malaysia model
  SP : Singapore model
  EA : Saudi Arabia model
  EE : East European model

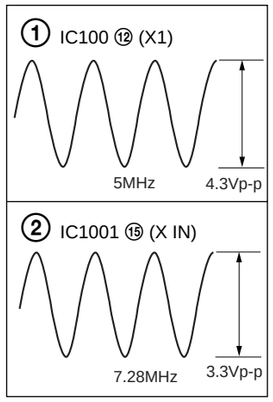
For printed wiring boards.
Note:

- ○——— : parts extracted from the component side.
- ○ : Through hole.
- △ : internal component.
- ▒▒ : Pattern from the side which enables seeing.

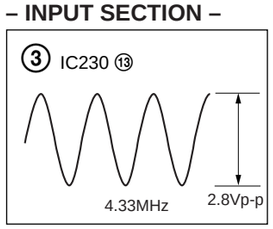




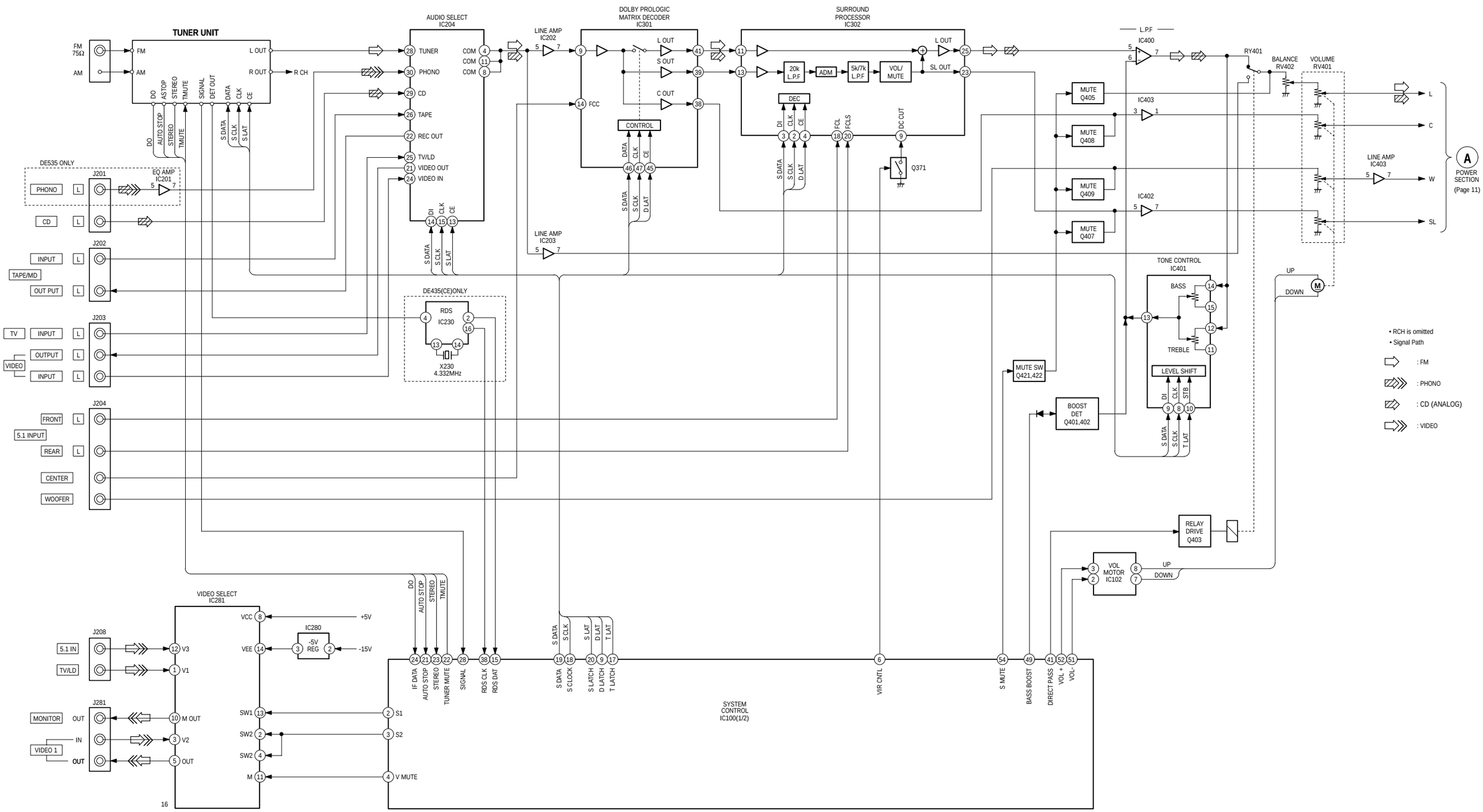
• Waveform
– DISPLAY SECTION –



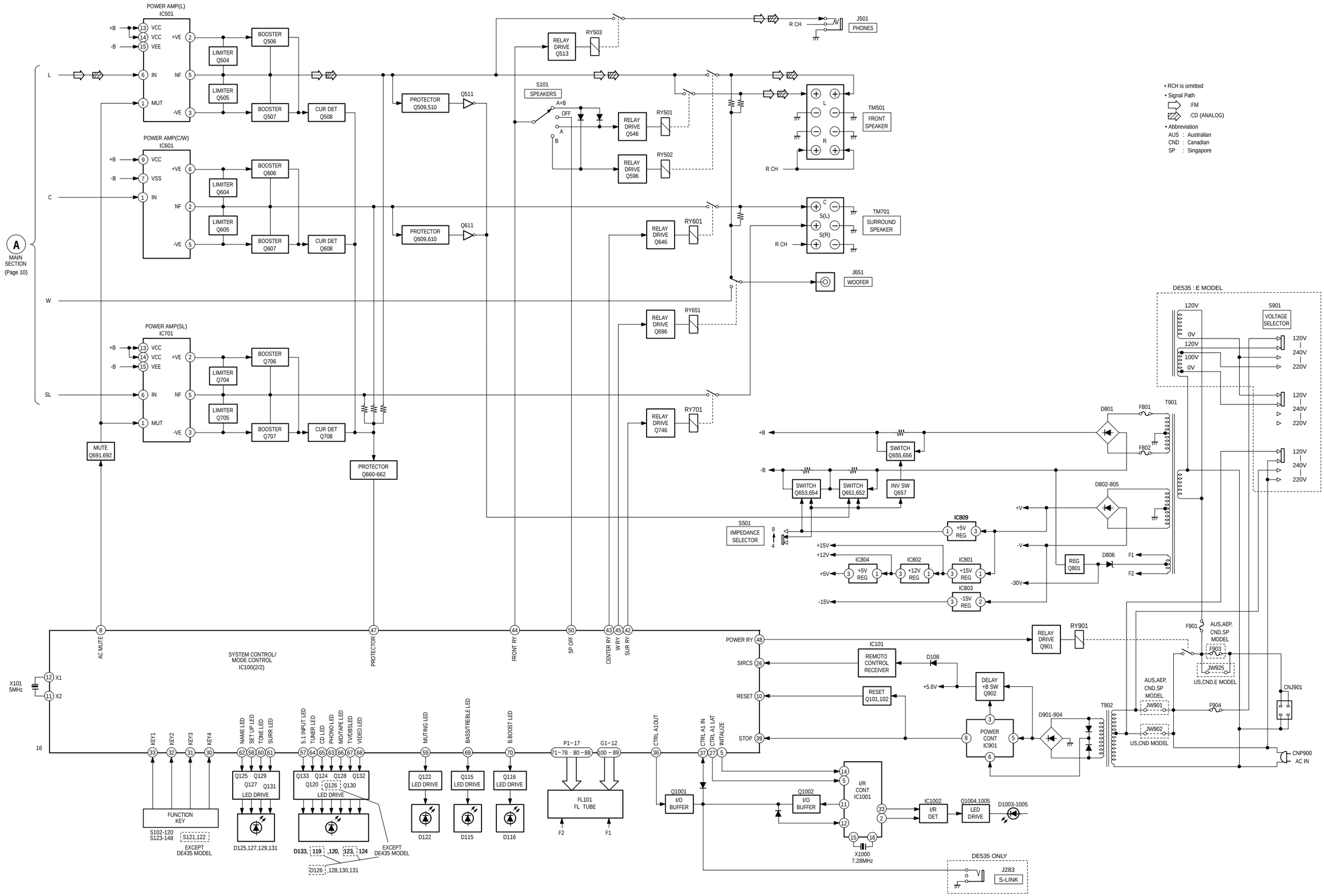
– INPUT SECTION –



3-2. BLOCK DIAGRAMS
— MAIN SECTION —

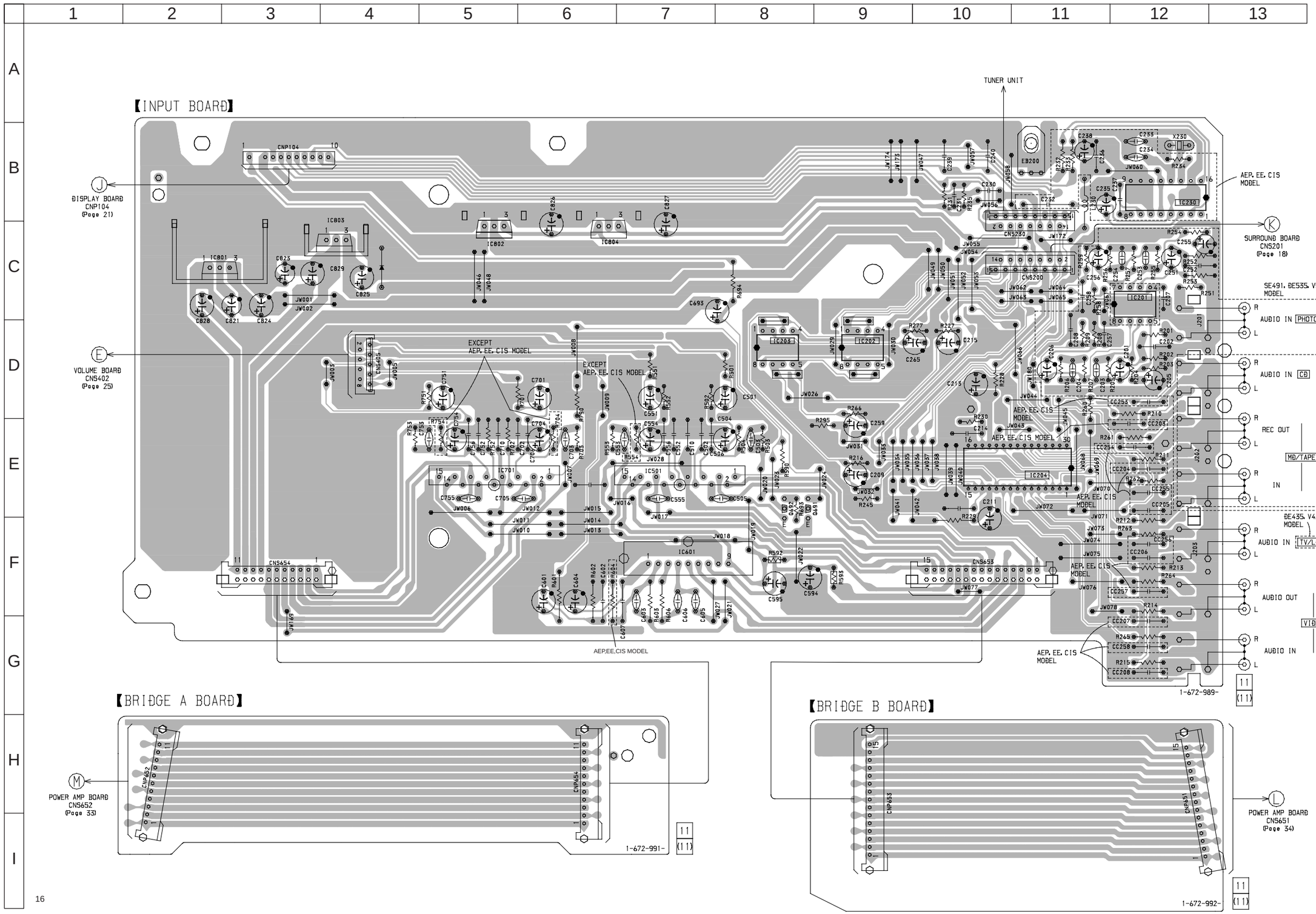


— POWER SECTION —



3-3. PRINTED WIRING BOARD — INPUT SECTION —

• Refer to page 7 for Circuit Boards Location.

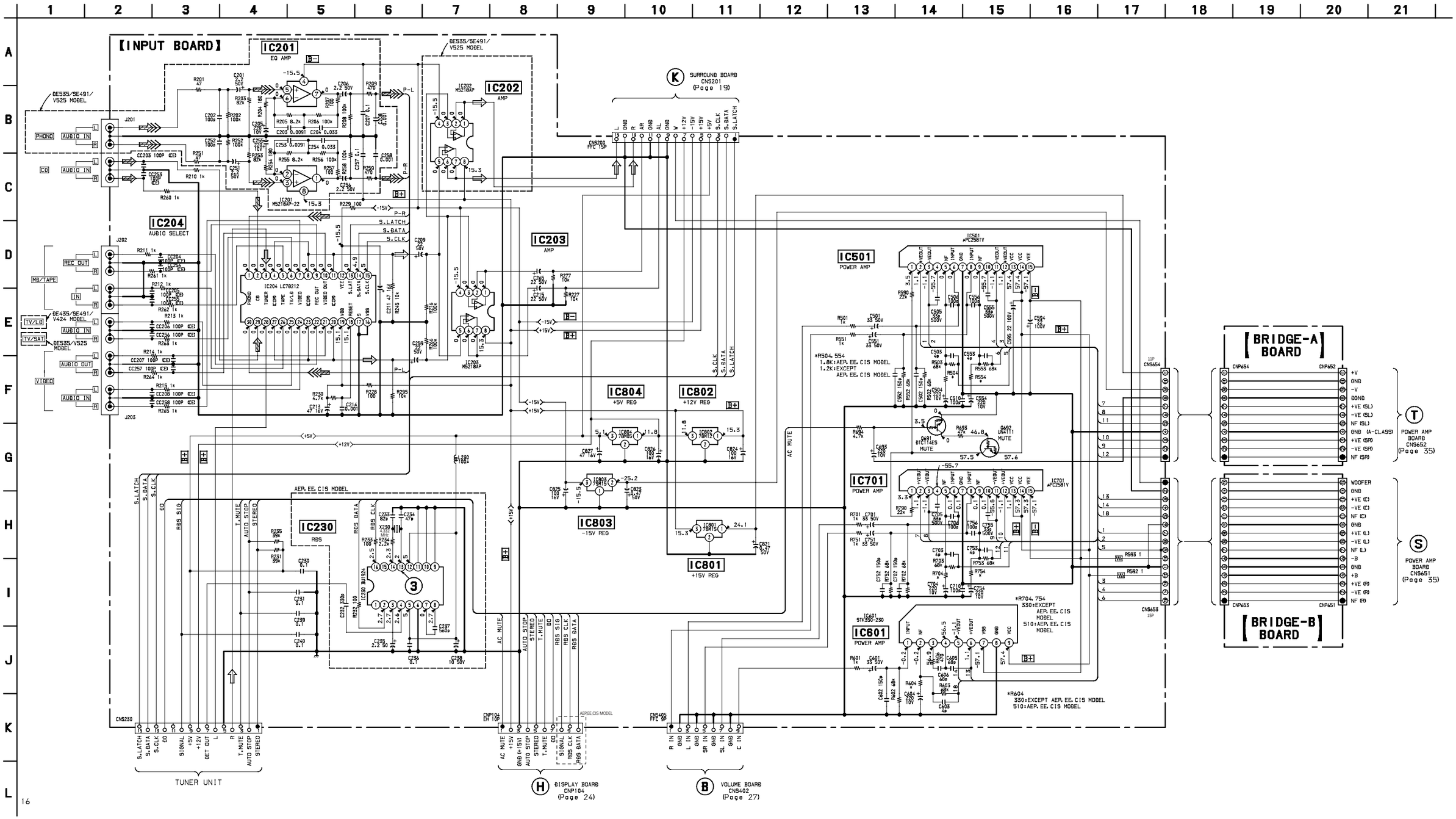


• **Semiconductor Location**

Ref. No.	Location
IC201	C-12
IC202	D-9
IC203	D-8
IC204	E-11
IC230	B-12
IC501	E-7
IC601	F-7
IC701	E-5
IC801	C-2
IC802	C-5
IC803	C-4
IC804	C-6
Q691	E-8
Q692	E-8

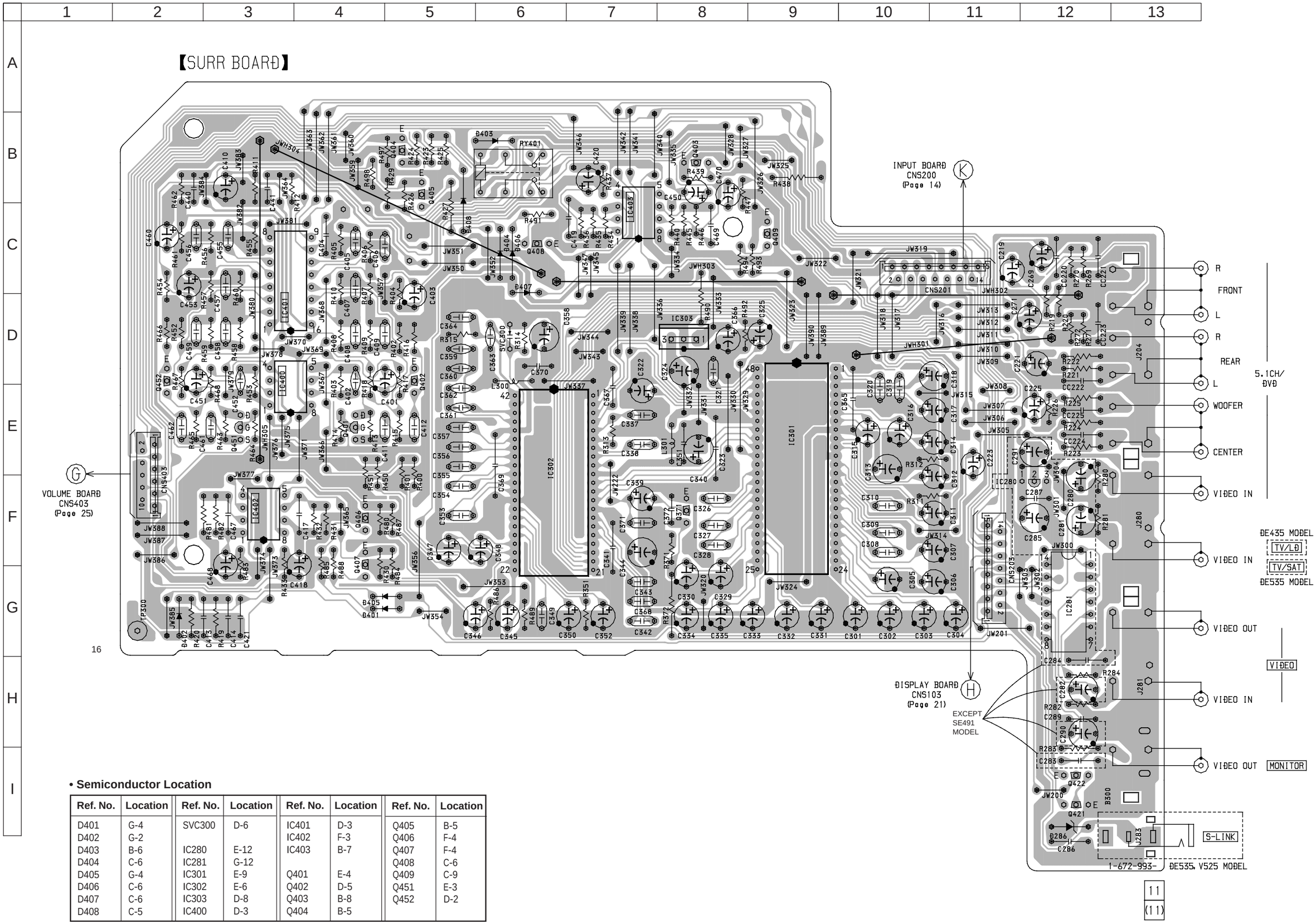
3-4. SCHEMATIC DIAGRAM — INPUT SECTION —

• Refer to page 39 for IC Block Diagrams.
• Refer to page 8 for Waveforms.



3-5. PRINTED WIRING BOARD — SURROUND SECTION —

• Refer to page 7 for Circuit Boards Location.

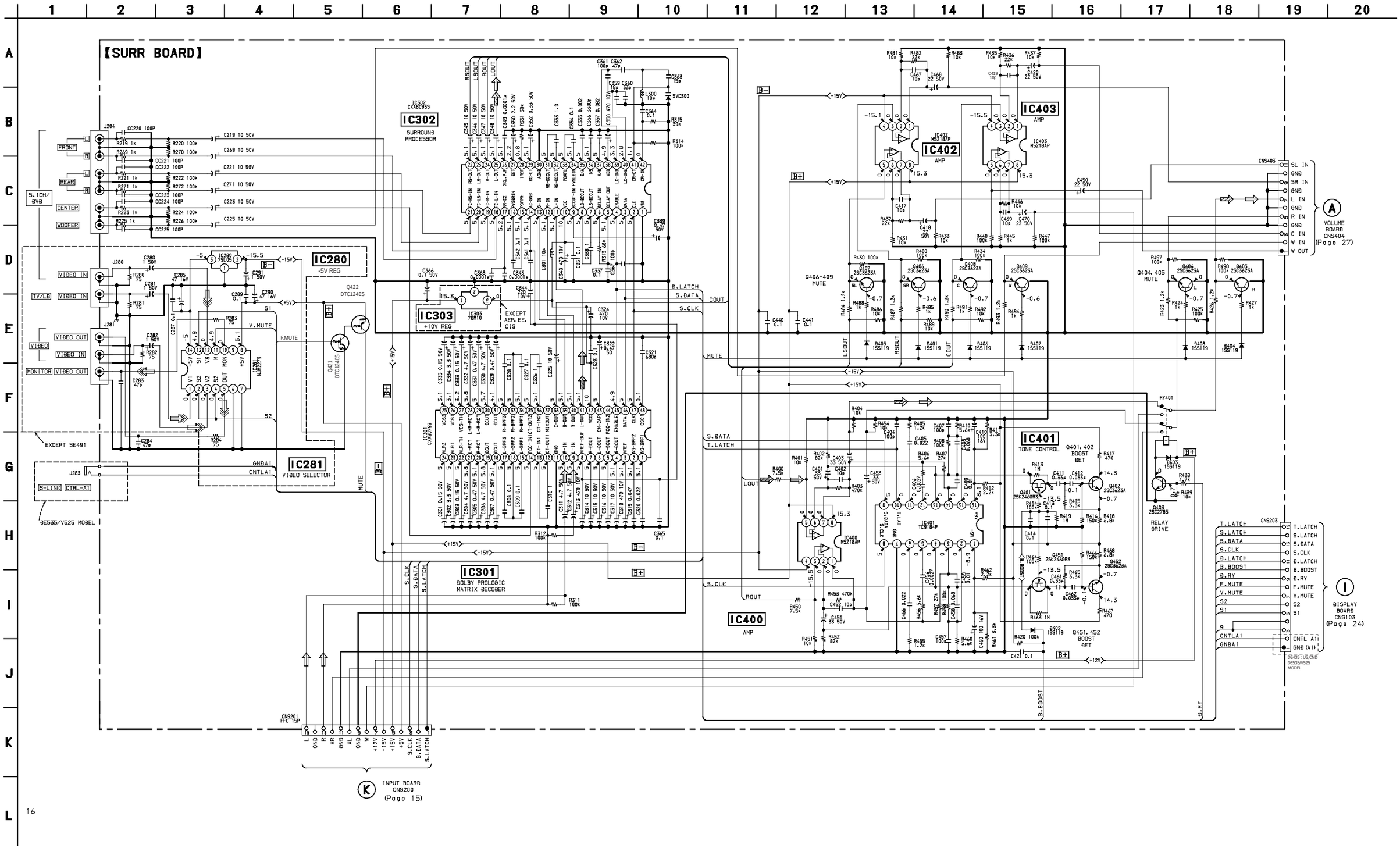


• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D401	G-4	SVC300	D-6	IC401	D-3	Q405	B-5
D402	G-2			IC402	F-3	Q406	F-4
D403	B-6	IC280	E-12	IC403	B-7	Q407	F-4
D404	C-6	IC281	G-12			Q408	C-6
D405	G-4	IC301	E-9	Q401	E-4	Q409	C-9
D406	C-6	IC302	E-6	Q402	D-5	Q451	E-3
D407	C-6	IC303	D-8	Q403	B-8	Q452	D-2
D408	C-5	IC400	D-3	Q404	B-5		

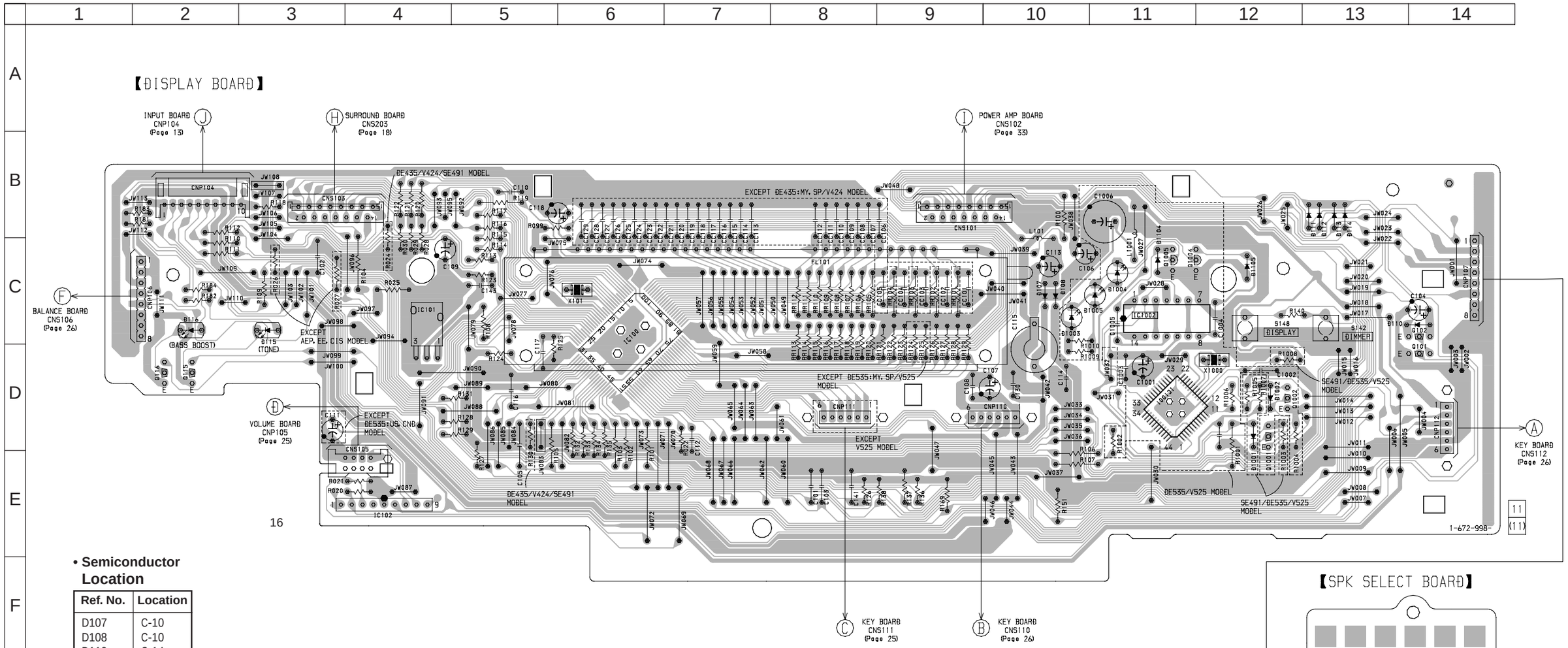
3-6. SCHEMATIC DIAGRAM — SURROUND SECTION —

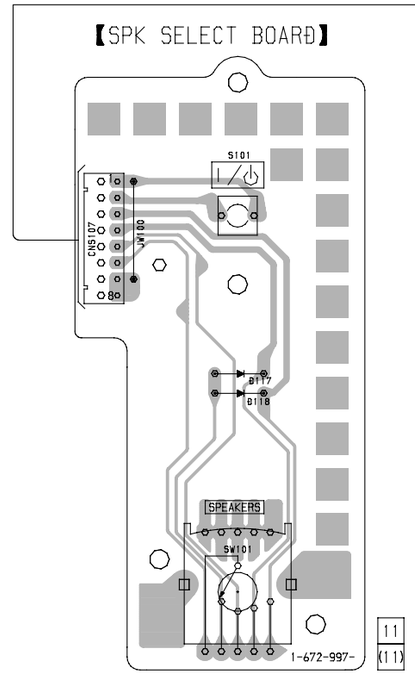
• Refer to page 39 for IC Block Diagrams.



3-7. PRINTED WIRING BOARD — DISPLAY SECTION —

• Refer to page 7 for Circuit Boards Location.





• **Semiconductor Location**

Ref. No.	Location
D107	C-10
D108	C-10
D110	C-14
D111	B-13
D112	B-13
D113	B-13
D114	B-13
D115	C-3
D116	C-2
D117	H-14
D118	H-14
D1001	D-12
D1002	D-12
D1003	C-10
D1004	C-11
D1005	C-11
D1104	C-11
D1105	C-12
IC100	C-6
IC101	C-4
IC102	E-4
IC1001	D-11
IC1002	C-11
Q101	D-14
Q102	C-14
Q115	D-2
Q116	D-2
Q1001	D-12
Q1002	D-12
Q1004	C-12
Q1005	C-11

3-8. SCHEMATIC DIAGRAM — DISPLAY SECTION —

• Refer to page 37 for IC Pin Functions. • Refer to page 8 for Waveforms.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。	

【DISPLAY BOARD】

IC102 MOTOR DRIVER

IC101 REMOTE CONTROL RECEIVER

IC1001 I/R CONT

IC1002 I/R BET

IC100 SYSTEM CONTROL

FL101 FL TUBE (FLOURESCENT INDICATOR TUBE)

Q115, 116 LED DRIVE

Q1004, 1005 LED DRIVE

Q101, 102 RESET

Q1001, 1002 I/O BUFFER

VOLUME BOARD CNP105 (Page 27)

BALANCE BOARD CNS106 (Page 27)

KEY BOARD CNS112 (Page 27)

KEY BOARD CNS111 (Page27)

KEY BOARD CNS110 (Page27)

SPK SELECT BOARD

POWER AMP BOARD CNS102 (Page 35)

SURROUND BOARD CNS203 (Page 20)

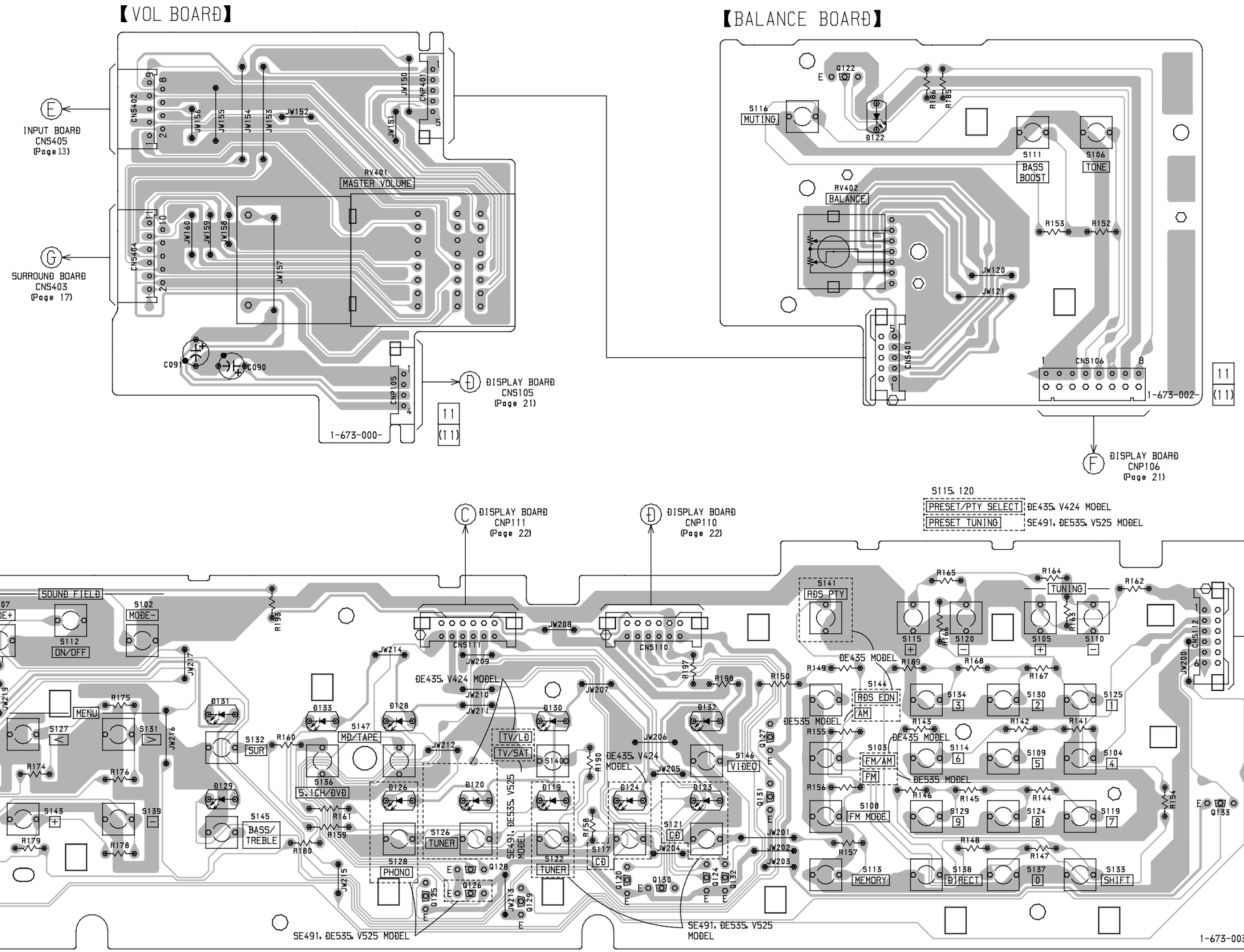
INPUT BOARD CNP104 (Page 15)

3-9. PRINTED WIRING BOARD — KEY SECTION —

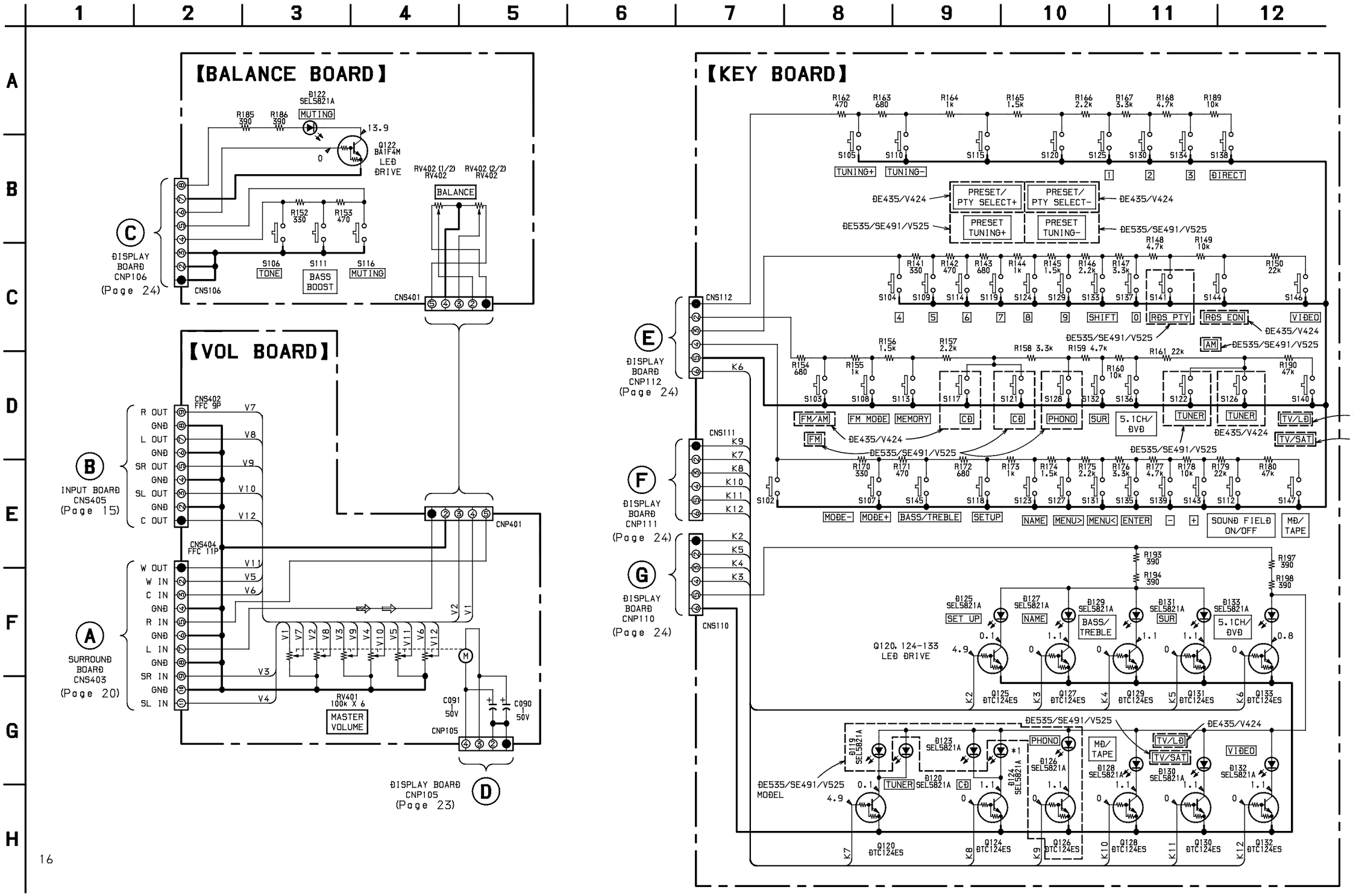
• Refer to page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D119	H-7
D120	H-6
D122	A-10
D123	H-9
D124	H-8
D125	G-1
D126	H-6
D127	H-1
D128	H-6
D129	H-4
D130	H-7
D131	H-4
D132	H-9
Q122	A-10
Q124	I-9
Q125	I-6
Q126	I-6
Q127	H-9
Q128	I-7
Q129	I-7
Q130	I-8
Q131	H-9
Q132	I-9
Q133	H-14

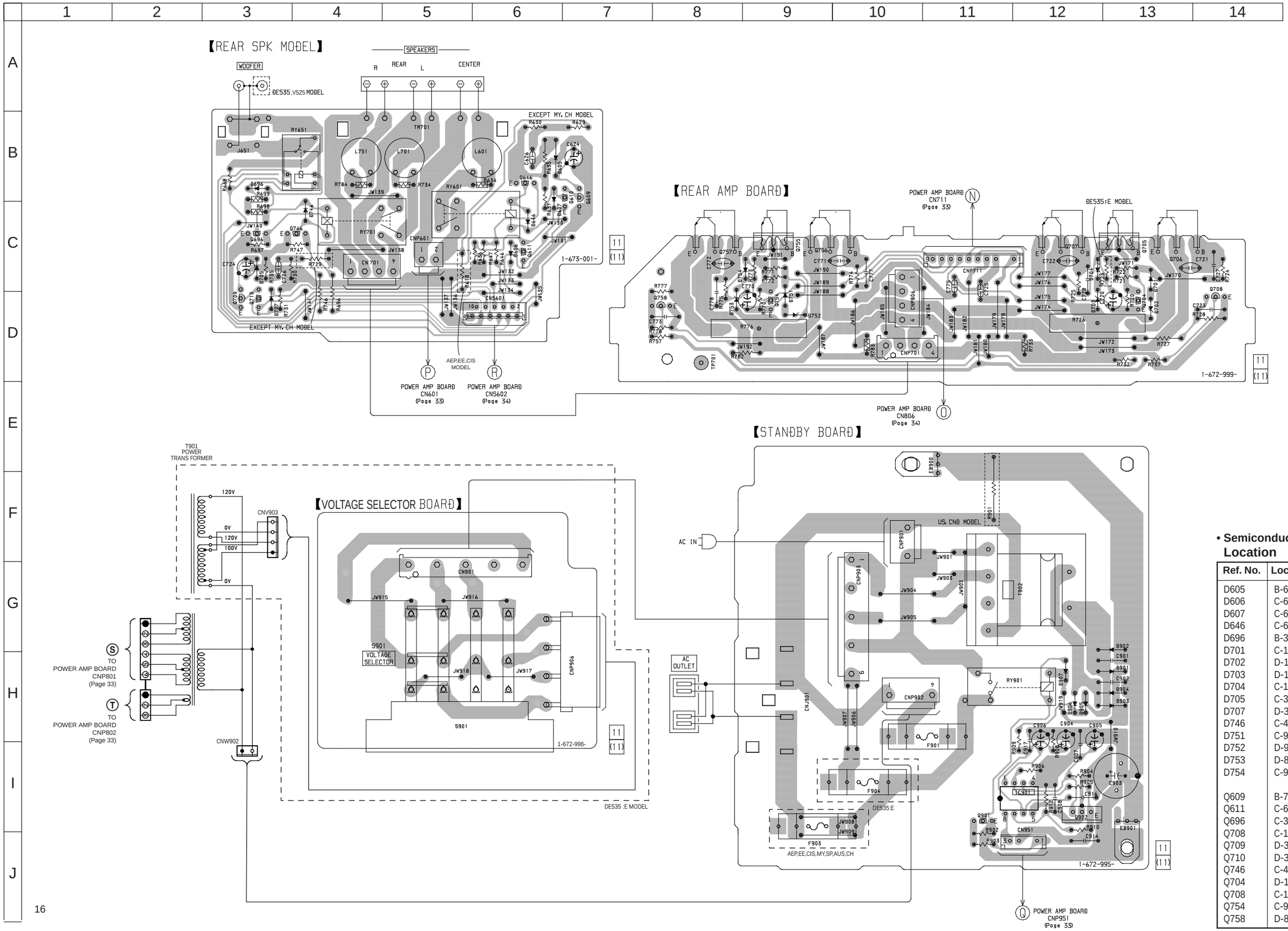


3-10. SCHEMATIC DIAGRAM — KEY SECTION —



3-11. PRINTED WIRING BOARD — REAR AMP SECTION —

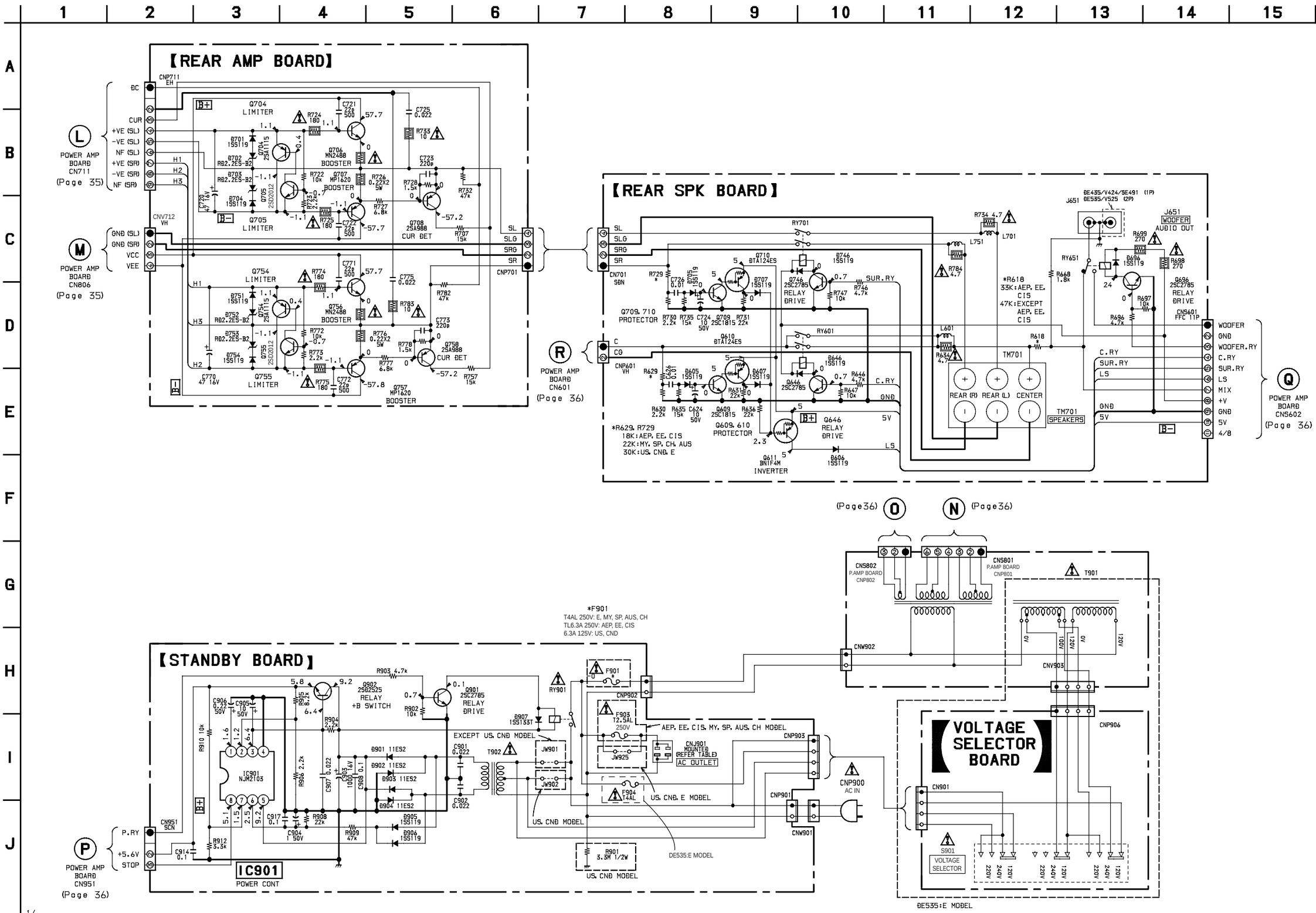
• Refer to page 7 for Circuit Boards Location.



• Semiconductor Location

Ref. No.	Location
D605	B-6
D606	C-6
D607	C-6
D646	C-6
D696	B-3
D701	C-13
D702	D-13
D703	D-12
D704	C-12
D705	C-3
D707	D-3
D746	C-4
D751	C-9
D752	D-9
D753	D-8
D754	C-9
Q609	B-7
Q611	C-6
Q696	C-3
Q708	C-14
Q709	D-3
Q710	D-3
Q746	C-4
Q704	D-13
Q708	C-14
Q754	C-9
Q758	D-8

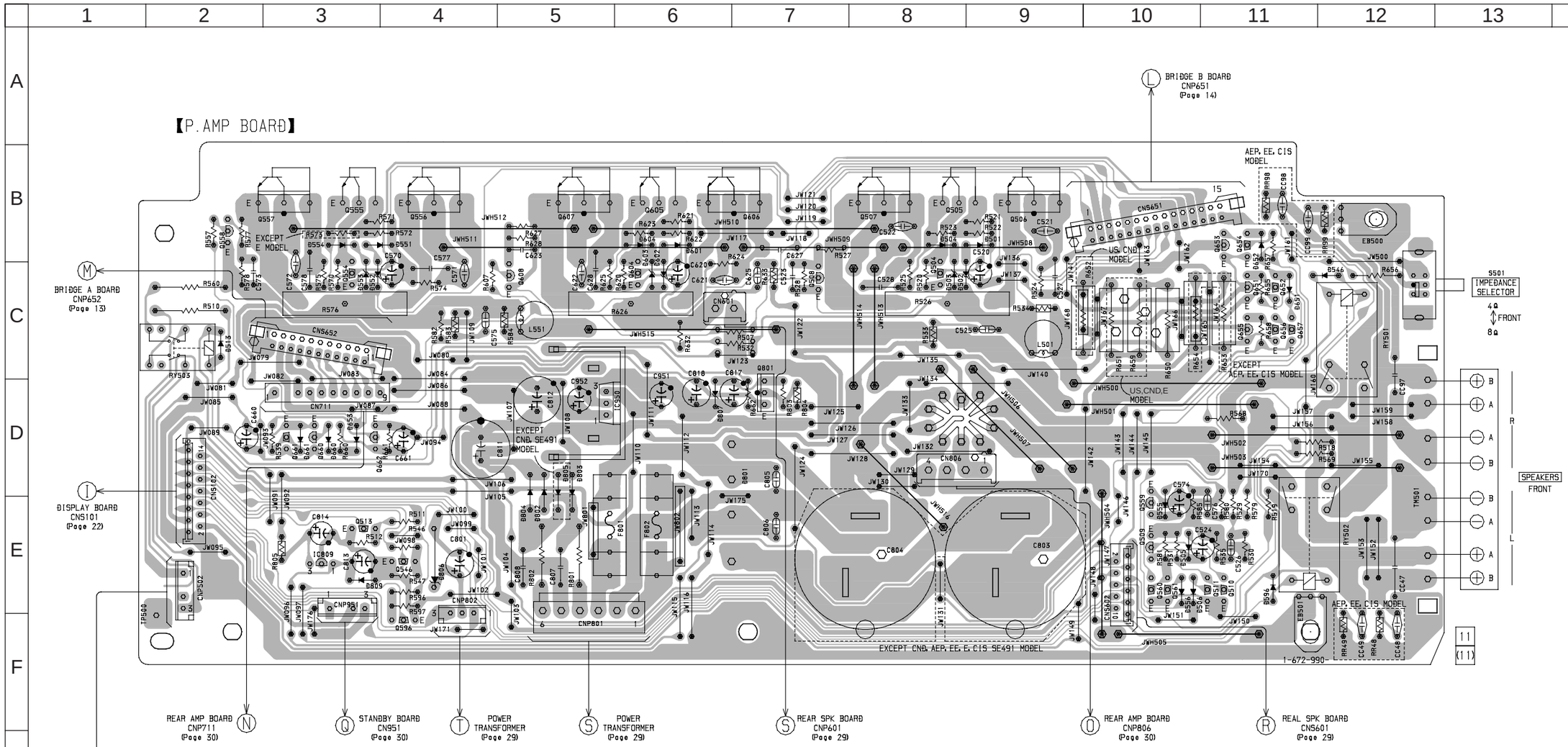
3-12. SCHEMATIC DIAGRAM — REAR AMP SECTION —



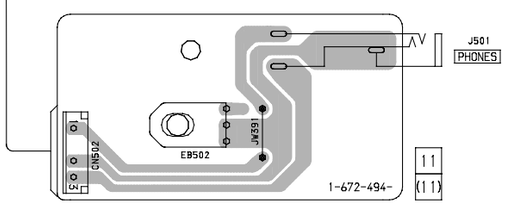
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

3-13. PRINTED WIRING BOARD — POWER AMP SECTION —

• Refer to page 7 for Circuit Boards Location.


【P.AMP BOARD】
BRIDGE B BOARD CNP651 (Page 14)
BRIDGE A BOARD CNP652 (Page 13)
DISPLAY BOARD CNS101 (Page 22)
REAR AMP BOARD CNP711 (Page 30)
STANDBY BOARD CN951 (Page 30)
POWER TRANSFORMER (Page 29)
POWER TRANSFORMER (Page 29)
REAR SPK BOARD CNP601 (Page 29)
REAR AMP BOARD CNP806 (Page 30)
REAL SPK BOARD CN5601 (Page 29)
S501 IMPEDANCE SELECTOR
4Ω FRONT 8Ω
SPEAKERS FRONT
AEP, EE, CIS MODEL
US, CND MODEL
US,CND,E MODEL
EXCEPT AEP, EE, CIS MODEL
EXCEPT CND, SE491 MODEL
EXCEPT CND, AEP, EE, E, CIS SE491 MODEL
EXCEPT E MODEL
1-672-990-
11
(11)

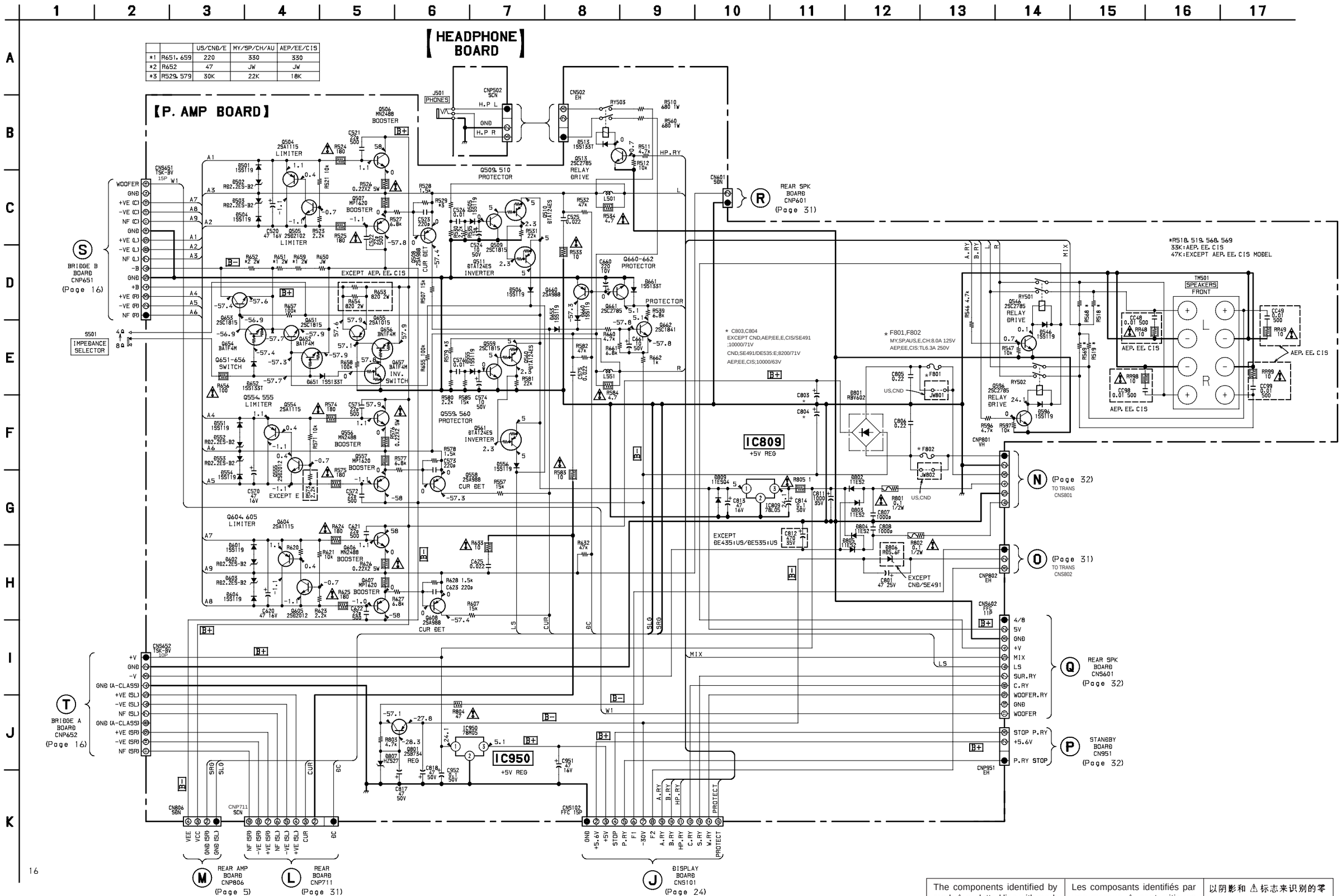
【HEADPHONE BOARD】



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D501	B-8	D554	B-3	D661	D-3	Q504	B-9	Q555	B-3	Q607	B-5
D502	C-8	D555	E-10	D802	E-5	Q505	B-8	Q556	B-4	Q608	C-5
D503	C-8	D556	E-10	D803	E-5	Q506	B-9	Q557	B-3	Q651	C-11
D504	B-8	D601	B-7	D804	E-5	Q507	B-9	Q558	B-2	Q653	C-11
D505	E-10	D602	B-6	D805	E-5	Q508	C-8	Q559	E-10	Q655	C-11
D506	E-10	D603	B-6	D806	E-4	Q509	E-11	Q560	E-10	Q656	C-11
D513	C-2	D604	B-6	D807	D-7	Q510	E-12	Q561	E-10	Q657	C-11
D546	B-12	D651	C-11	D809	E-3	Q511	E-12	Q596	F-4	Q660	D-3
D551	B-2	D652	B-12			Q513	E-3	Q604	C-6	Q661	D-3
D552	C-2	D653	D-3	IC809	E-3	Q546	E-4	Q605	B-6	Q662	D-4
D553	C-4	D660	D-3	IC950	D-6	Q554	C-3	Q606	B-7	Q801	D-7

3-14. SCHEMATIC DIAGRAM —POWER AMP SECTION —



		US/CND/E	MY/SP/CH/AU	AEP/EE/CIS
*1	R651, 659	220	330	330
*2	R652	47	JW	JW
*3	R529, 579	30K	22K	18K

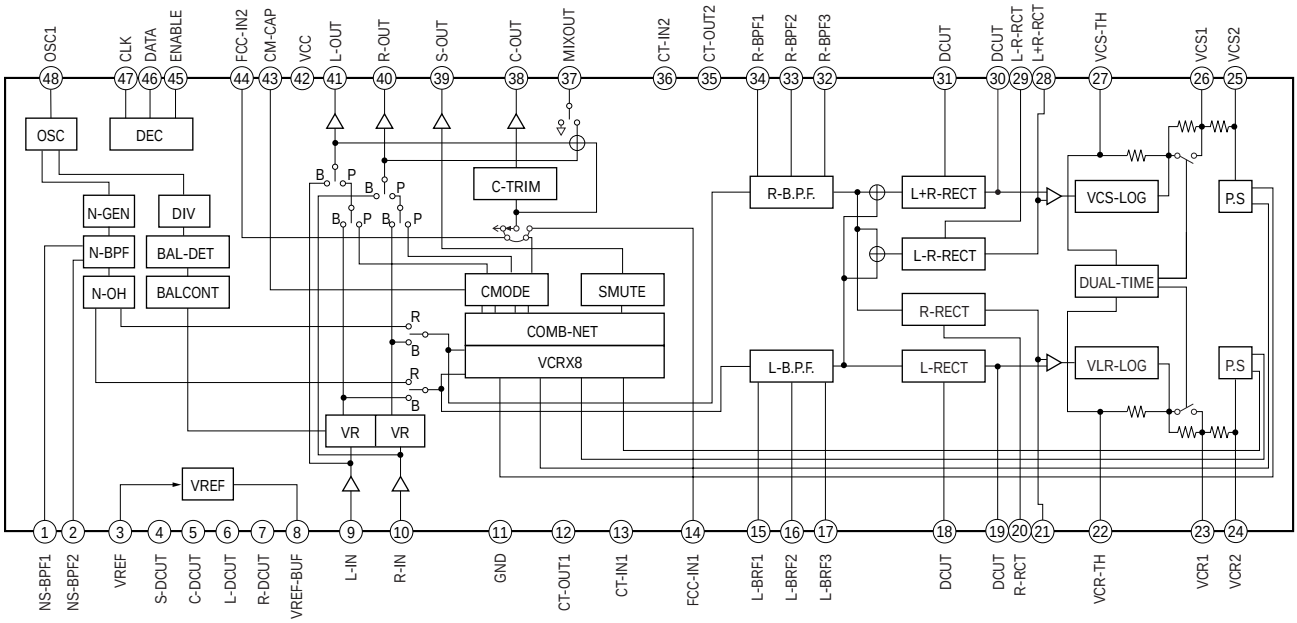
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

3-15. IC PIN FUNCTION DESCRIPTION

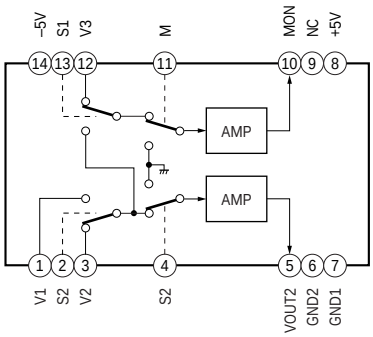
• IC100 uPD780208GF-032-3BA/M62438FP-600D SYSTEM CONTROL (DISPLAY BOARD)

Pin No.	Pin Name	I/O	Description
1	VDD.+5V	—	Power Supply (+5 V).
2	S1	O	Video IC S1.
3	S2	O	Video IC S2.
4	V.MUTE	O	Video IC MUTE.
5	INITIALIZE	O	Reset.
6	VIR CNTL	O	VIR Control.
7	GND	—	Not used (ground).
8	AC.MUTE	O	A-class mute.
9	D.LATCH	O	Dolby latch.
10	$\overline{\text{RESET}}$	I	System reset.
11, 12	X2, X1	—	System clock X101(5.0 MHz).
13	VSS. GND	—	VSS (0 V).
14	N.C.	—	Open.
15	RDS.DAT.IN	I	RDS data input.
16	VDD.+5v	—	Power Supply (+5 V).
17	T.LATCH	O	Tone latch.
18	S.CLOCK	O	Serial clock.
19	S.DATA	O	Serial data.
20	S.LATCH	O	Serial latch.
21	AUTO.STOP	I	Auto stop detect input.
22	TUNER.MUTE	O	Tuner mute.
23	STEREO	I	Stereo.
24	IF.DATA.IN	I	IF. Data input.
25	GND.A/D	—	A/D ground (0 V).
26	SIRCS	I	SIRCS input.
27	CTRLA1LAT	O	Control A1 Latch.
28	SIGNAL	I	Signal.
29	VERSION	I	Version.
30 to 33	KEY4 to 1	I	Key A/D 4 to 1
34	VDD.A/D.+5V	—	A/D power supply (+5 V).
35	VREF.A/D.+5V	—	A/D reference voltage (+5 V).
36	CTRL-A1.OUT	O	Control-A1 out.
37	CTRL-A1.IN	I	Control-A1 in.
38	RDS.CLK.IN	I	RDS clock in.
39	STOP	I	STOP.
40	VSS.GND	—	Ground.
41	DIRECT.PASS	O	Direct pass.
42	SUR.RY	O	Surround relay.
43	CENTER.RY	O	Center relay.
44	FRONT.RY	O	Front relay.
45	W.RY	O	Woofer relay.
46	VDD.+5V	—	+5 V.
47	PROTECTOR.IN	I	Protector in.
48	POWER.RY	O	Power relay.
49	BASS.BOOST	O	Bass boost.
50	SP.OFF	I	Speaker off.
51	VOL –	O	Volume –.
52	VOL +	O	Volume +.
53	GND	—	Not used (ground).
54	S.MUTE	O	S. Mute.
55	$\overline{\text{SYS. POWER}}$	I	System Power.
56	GND	—	Not used (ground).
57	5.1.INPUT.LED	O	5.1/DVD input LED drive.
58	SET UP LED	O	Set up LED drive.
59	MUTING.LED	O	Muting LED drive.
60	TONE.LED	O	TUNE LED drive.
61	SURR.LED	O	Surround LED drive.
62	NAME.LED	O	NAME LED drive.
63	PHONO.LED	O	PHONO LED drive.
64	TUNER.LED	O	TUNER LED drive.
65	CD.LED	O	CD LED drive.
66	MD/TAPE.LED	O	MD/TAPE LED drive.
67	TV/DBS.LED	O	TV/DBS LED drive.
68	VIDEO.LED	O	VIDEO LED drive.
69	BASS/TREBLE LED	O	BASS/TREBLE LED drive.
70	B.BOOST.LED	O	B. BOOST LED drive.
71 to 78	P1 to P8	O	Key Out 1 to 8 Fluorescent indicator tube drive.
79	VLOAD	—	Vee (–30V).
80 to 88	P9 to P17	O	Key Out 9 to 17 Fluorescent indicator tube drive.
89 to 100	G12 to G1	O	Fluorescent indicator tube drive.

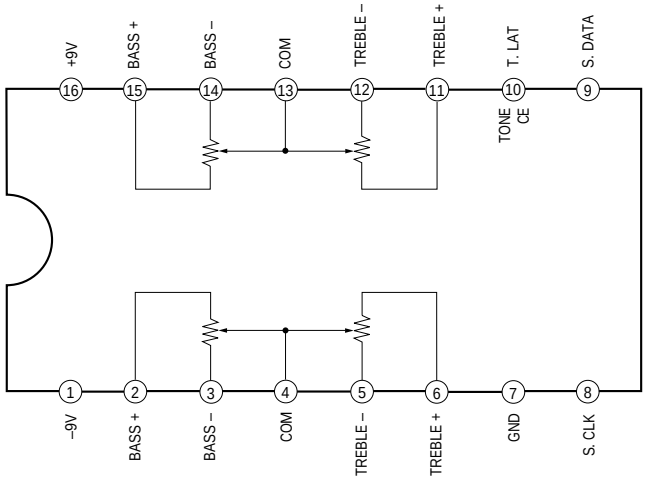
IC301 (SURR BOARD) CXA8079S



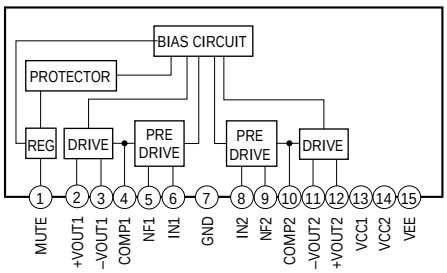
IC281 (SURR BOARD) NJM2279D



IC401 (SURR BOARD) TC9184P



IC501, IC701 (INPUT BOARD) µPC2581V



SECTION 4
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts of Color ↑ Cabinet's Color
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

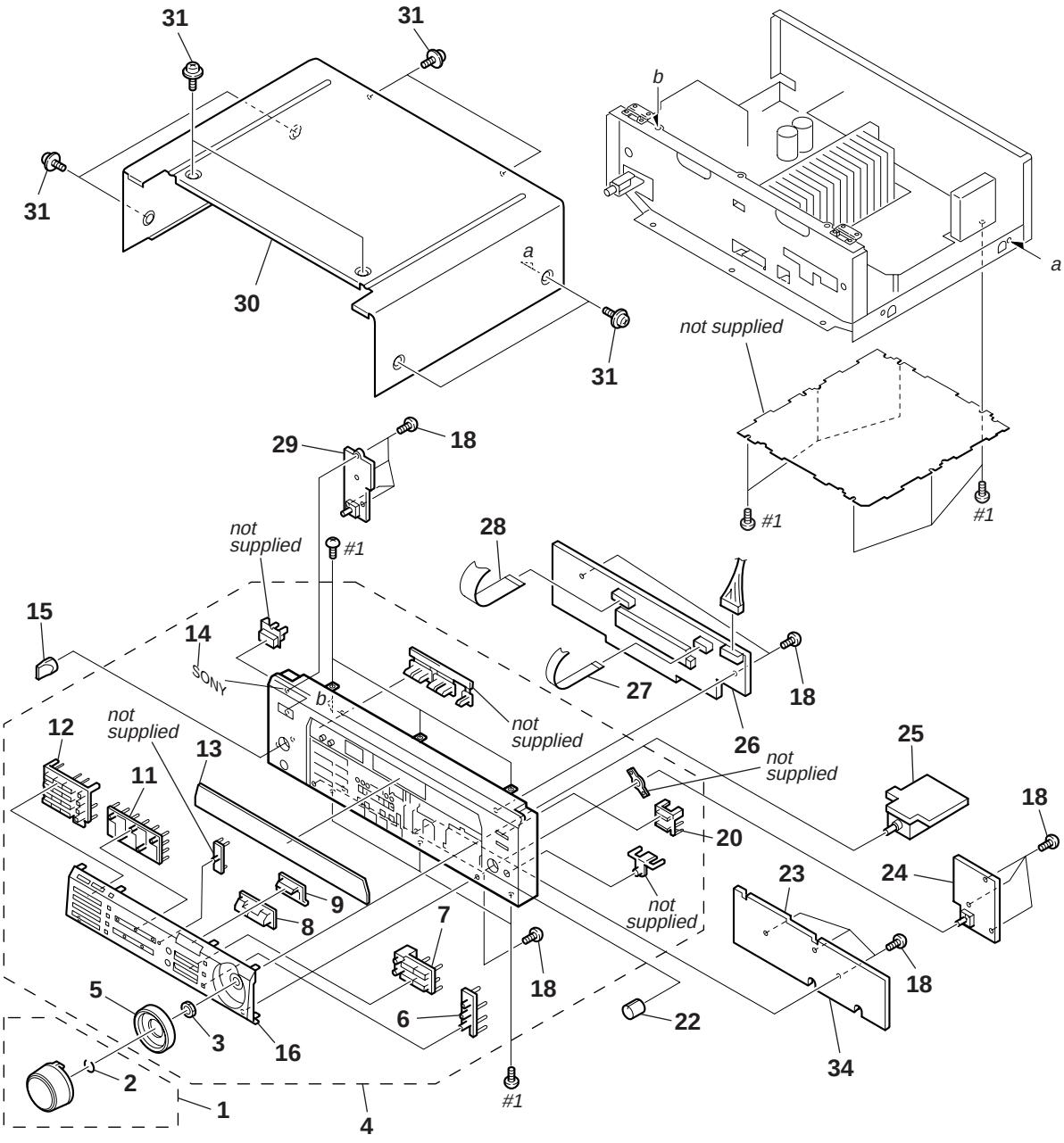
- Abbreviation

CND	: Canadian	SP	: Singapore
AUS	: Australian	EA	: Saudi Arabia
CH	: Chinese	EE	: East European
MY	: Malaysia		

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

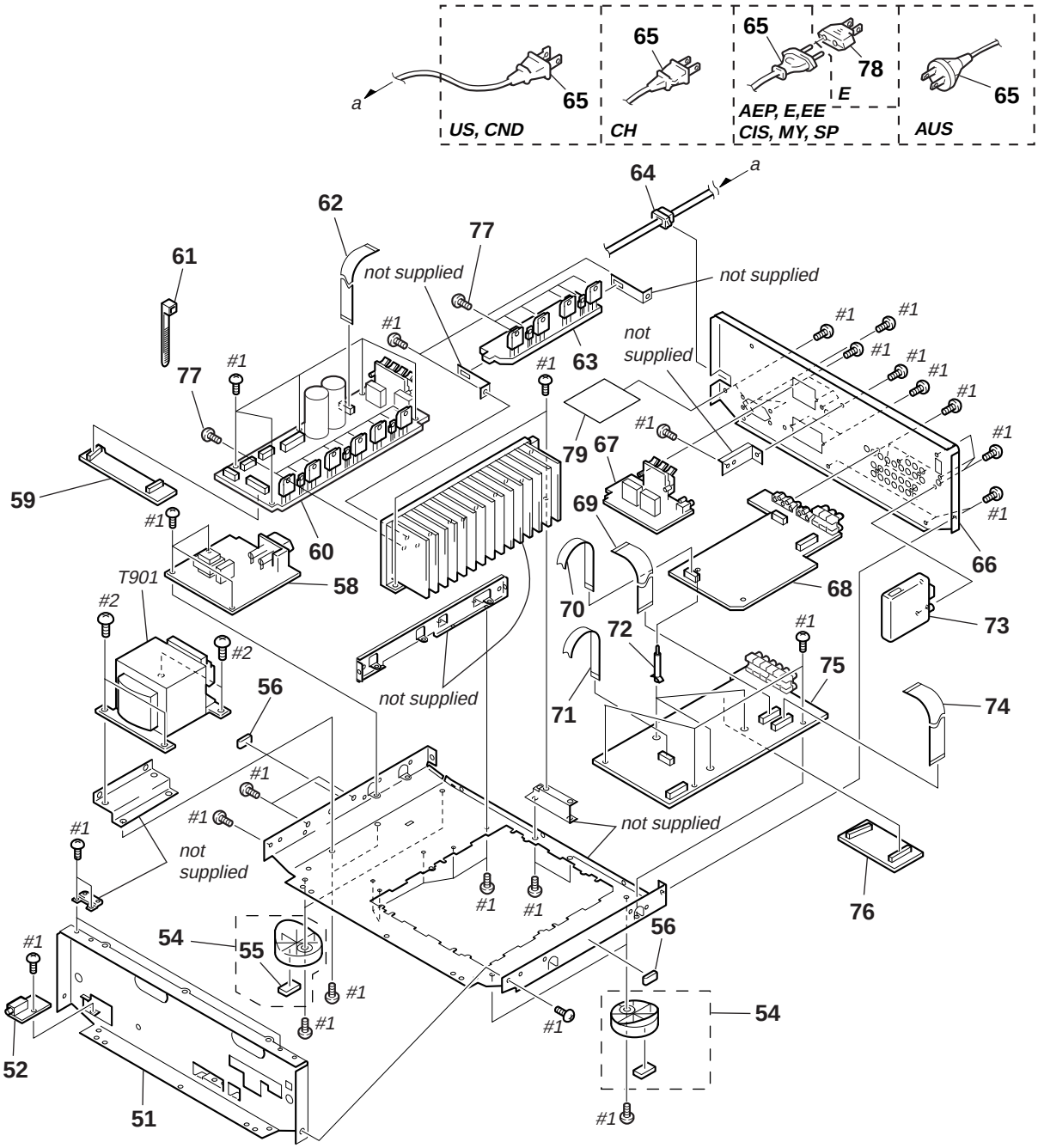
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remarks
1	X-4951-035-1	KNOB (VOL) ASSY (BLACK) (EXCEPT V525)	
1	X-4951-269-1	KNOB (VOL) ASSY (V525)	
1	X-4951-435-1	KNOB (VOL) ASSY (SILVER) (DE435:AEP)	
2	3-350-426-01	SPRING, RING	
3	4-216-792-01	RING (VOL) (EXCEPT V525)	
3	4-216-792-11	RING (VOL) (V525)	
3	4-216-792-21	RING (VOL) (SILVER) (DE435:AEP)	
4	X-4951-061-1	FRONT PANEL ASSY (DE535:US,CND,AUS)	
4	X-4951-084-1	FRONT PANEL ASSY (DE435:US,CND,AUS)	
4	X-4951-085-1	FRONT PANEL ASSY (DE535:E,MY,SP)	
4	X-4951-086-1	FRONT PANEL ASSY (DE435:MY,SP)	
4	X-4951-087-1	FRONT PANEL ASSY (BLACK)	(DE435:AEP,EE,CIS)
4	X-4951-088-1	FRONT PANEL ASSY (SE491)	
4	X-4951-128-1	FRONT PANEL ASSY (V525)	
4	X-4951-129-1	FRONT PANEL ASSY (V424)	
4	X-4951-434-1	FRONT PANEL ASSY (SILVER) (DE435:AEP)	
5	4-216-392-01	RING(VOL)	
6	4-216-787-01	BUTTON (SET UP) (BLACK)	(DE435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
6	4-216-787-11	BUTTON (SET UP) (V525)	
6	4-216-787-31	BUTTON (SET UP) (SILVER) (DE435:AEP)	
7	4-216-921-01	BUTTON (MENU) (BLACK)	(DE435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
7	4-216-921-21	BUTTON (MENU) (SILVER) (DE435:AEP)	
8	4-216-384-01	BUTTON (MODE)	
9	4-216-983-01	BUTTON (ON/OFF)	
11	4-216-784-01	BUTTON (MODE) (BLACK)	(DE435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
11	4-216-784-11	BUTTON (MODE) (V525)	
11	4-216-784-21	BUTTON (MODE) (SILVER) (DE435:AEP)	
12	4-216-779-01	BUTTON (KEY) (BLACK)	(DE435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
12	4-216-779-11	BUTTON (KEY) (V525)	
12	4-216-779-21	BUTTON (KEY) (SILVER) (DE435:AEP)	
13	4-216-924-01	INDICATION PLATE	
14	4-996-698-01	EMBLEM, SONY (EXCEPT V525)	
14	4-996-698-11	EMBLEM, SONY (V525)	
15	4-957-383-01	KNOB (F14) (BLACK)	(D435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
15	4-957-383-21	KNOB (F14) (V525)	
15	4-957-383-51	KNOB (F14) (SILVER) (DE435:AEP)	
16	4-216-923-01	ESCUTCHEON (US,CND,AUS)	
16	4-216-923-11	ESCUTCHEON (DE535:E,MY,SP)	
16	4-216-923-31	ESCUTCHEON (DE435:MY,SP/V424)	
16	4-216-923-41	ESCUTCHEON (BLACK) (DE435:AEP,EE,CIS)	
16	4-216-923-51	ESCUTCHEON (V525)	
16	4-216-923-61	ESCUTCHEON (SILVER) (DE435:AEP)	
18	4-951-620-01	SCREW (2.6 × 8), +BVTP	
20	4-216-922-01	BUTTON (EQ)	
22	4-998-717-01	KNOB (BAL) (BLACK) (EXCEPT V525)	
22	4-998-717-12	KNOB (BAL) (V525)	
22	4-998-717-31	KNOB (BAL) (SILVER) (DE435:AEP)	
23	A-4419-078-A	KEY BOARD, COMPLETE (DE535/SE491/V525)	
23	A-4419-219-A	KEY BOARD, COMPLETE	(DE435:US,CND,MY,SP,AUS/V424)
23	A-4419-231-A	KEY BOARD, COMPLETE (DE435:AEP,EE,CIS)	
24	1-673-002-11	BALANCE BOARD	
25	A-4419-075-A	VOL BOARD, COMPLETE	
26	A-4419-073-A	DISPLAY BOARD, COMPLETE (DE535:US,CND)	
26	A-4419-201-A	DISPLAY BOARD, COMPLETE (SE491)	
26	A-4419-206-A	DISPLAY BOARD, COMPLETE (DE535:AUS)	
26	A-4419-210-A	DISPLAY BOARD, COMPLETE (DE535:MY,SP)	
26	A-4419-213-A	DISPLAY BOARD, COMPLETE (DE535:E)	
26	A-4419-217-A	DISPLAY BOARD, COMPLETE (DE435:US,CND)	
26	A-4419-223-A	DISPLAY BOARD, COMPLETE (DE435:AUS)	
26	A-4419-225-A	DISPLAY BOARD, COMPLETE	(DE435:MY,SP/V424)
26	A-4419-228-A	DISPLAY BOARD, COMPLETE (DE435:AEP)	
26	A-4419-236-A	DISPLAY BOARD, COMPLETE (DE435:EE,CIS)	
* 26	A-4419-605-A	DISPLAY BOARD, COMPLETE (V525)	
27	1-769-991-11	WIRE (FLAT TYPE) (13 CORE)	(DE435,V424,SE491)
* 27	1-773-024-11	WIRE (FLAT TYPE) (15 CORE) (DE535,V525)	
28	1-773-012-11	WIRE (FLAT TYPE) (15 CORE)	
29	1-672-997-11	SPK SELECT BOARD	
* 30	4-982-682-01	CASE (414532)	(DE435:US,CND,AUS/DE535:US,CND,E,AUS/SE491/V424)
30	X-4947-722-1	CASE ASSY (BLACK) (AEP,MY,SP,EE,CIS)	
30	X-4947-723-1	CASE ASSY (V525)	
30	X-4951-513-1	CASE ASSY (SILVER) (AEP)	
31	4-210-291-01	SCREW (BLACK) (CASE 3 TP2)	(DE435:US,CND,AEP,EE,CIS,MY,SP,AUS/DE535/SE491/V424)
31	4-210-291-11	SCREW (CASE 3 TP2) (SILVER)	(DE435:AEP/V525)
34	1-673-002-11	BALANCE BOARD	

4-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remarks
51	4-216-926-01	SUB-CHASSIS	
52	1-672-994-11	HEADPHONE BOARD	
54	X-4947-124-1	FOOT ASSY (F50150S) (SILVER) (DE435:AEP)	
54	X-4947-207-1	FOOT ASSY (F50150S) (BLACK) (DE435:AEP,EE,CIS,MY,SP,AUS/DE535:E,MY,SP,AUS/V424)	
54	X-4947-208-1	FOOT ASSY (F50150S) (D435:US,CND/DE535:US,CND/SE491)	
54	X-4947-547-1	FOOT ASSY (F50150S) (V525)	
56	4-985-642-01	CUSHION	
58	1-672-995-11	STANDBY BOARD	
59	1-672-991-11	BRIDGE-A BOARD	
60	A-4419-080-A	P.AMP BOARD, COMPLETE (DE435:US/DE535:US)	
60	A-4419-205-A	P.AMP BOARD, COMPLETE (DE435:CND/DE535:CND/SE491)	
60	A-4419-208-A	P.AMP BOARD, COMPLETE (DE435:MY,SP,AUS/DE535:MY,SP,AUS/V424/V525)	
60	A-4419-214-A	P.AMP BOARD, COMPLETE (DE535:E)	
60	A-4419-233-A	P.AMP BOARD, COMPLETE (DE435:AEP,EE,CIS)	
* 61	3-655-653-21	BAND (TAITON), BINDING	
62	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)	
63	A-4419-074-A	REAR AMP BOARD, COMPLET (EXCEPT AEP,EE,CIS)	
63	A-4419-229-A	REAR AMP BOARD, COMPLET (AEP,EE,CIS)	
* 64	3-703-244-00	BUSHING (2104), CORD	
⚠65	1-696-847-11	CORD, POWER (DE435:AUS/DE535:AUS)	
⚠65	1-777-070-21	CORD, POWER (DE435:CND/DE535:CND)	
⚠65	1-777-071-21	CORD, POWER (DE435:AEP,EE,CIS,MY,SP/DE535:E,MY,SP)	
⚠65	1-783-205-11	CORD, POWER (V424/V525)	
⚠65	1-783-820-11	CORD, POWER (DE435:US/DE535:US/SE491)	
66	4-216-927-01	BACK PANEL (DE535:US)	
66	4-216-927-11	BACK PANEL (DE535:CND)	
66	4-216-927-21	BACK PANEL (DE535:AUS)	
66	4-216-927-31	BACK PANEL (DE535:E)	
66	4-216-927-41	BACK PANEL (DE535:MY,SP)	
66	4-216-927-51	BACK PANEL (V525)	
66	4-217-181-01	BACK PANEL (DE435:US)	
66	4-217-181-11	BACK PANEL (DE435:CND)	
66	4-217-181-21	BACK PANEL (DE435:AUS)	
66	4-217-181-31	BACK PANEL (DE435:MY,SP)	
66	4-217-181-41	BACK PANEL (V424)	
66	4-217-181-51	BACK PANEL (DE435:AEP)	
66	4-217-181-61	BACK PANEL (DE435:EE,CIS)	
66	4-217-181-71	BACK PANEL (SE491)	
67	A-4419-076-A	REAR SPK BOARD, COMPLET (DE535:US,CND,E)	
67	A-4419-207-A	REAR SPK BOARD, COMPLET (DE535:MY,SP,AUS/V525)	
67	A-4419-218-A	REAR SPK BOARD, COMPLET (DE435:US,CND/SE491)	
67	A-4419-224-A	REAR SPK BOARD, COMPLET (DE435:MY,SP,AUS/V424)	
67	A-4419-230-A	REAR SPK BOARD, COMPLET (DE435:AEP,EE,CIS)	
68	A-4419-083-A	SURR BOARD, COMPLETE (DE535/V525)	
68	A-4419-203-A	SURR BOARD, COMPLETE (SE491)	
68	A-4419-221-A	SURR BOARD, COMPLETE (DE435:US,CND,MY,SP,AUS/V424)	
68	A-4419-234-A	SURR BOARD, COMPLETE (DE435:AEP,EE,CIS)	
69	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)	
70	1-769-942-11	WIRE (FLAT TYPE) (11 CORE)	
71	1-769-909-11	WIRE (FLAT TYPE) (9 CORE)	
72	4-924-098-91	HOLDER, PC BOARD	
73	1-693-407-62	TUNER (DE435:US,CND/DE535:US,CND,E/SE491)	
73	1-693-408-41	TUNER (DE435:AEP,MY,SP,AUS/DE535:MY,SP,AUS/V424/V525)	
73	1-693-411-43	TUNER (DE435:EE,CIS)	
74	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
75	A-4419-079-A	INPUT BOARD, COMPLETE (DE535/SE491/V525)	
75	A-4419-220-A	INPUT BOARD, COMPLETE (DE435:US,CND,MY,SP,AUS/V424)	
75	A-4419-232-A	INPUT BOARD, COMPLETE (DE435:AEP,EE,CIS)	
76	1-672-992-11	BRIDGE-B BOARD	
77	3-905-609-01	SCREW (TRANSISTOR)	
78	1-569-008-21	ADAPTOR, CONVERSION 2P (DE535: E)	
79	1-672-996-11	VOLTAGE SELECTOR BOARD (DE535:E)	
⚠T901	1-433-679-11	TRANSFORMER, POWER (DE435:CND/DE535:CND)	
⚠T901	1-433-680-11	TRANSFORMER, POWER (DE435:US/DE535:US)	
⚠T901	1-433-680-21	TRANSFORMER, POWER (SE491)	
⚠T901	1-433-681-11	TRANSFORMER, POWER (DE435:AEP,EE,CIS)	
⚠T901	1-433-682-11	TRANSFORMER, POWER (DE435:AUS/DE535:AUS)	
⚠T901	1-433-683-11	TRANSFORMER, POWER (DE435:MY,SP/DE535:MY,SP/V424/V525)	
⚠T901	1-433-684-11	TRANSFORMER, POWER (DE535:E)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation

CND	: Canadian	SP	: Singapore
AUS	: Australian	EA	: Saudi Arabia
CH	: Chinese	EE	: East European
MY	: Malaysia		

- CAPACITORS:
  uF: µF
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: µH

When indicating parts by reference number, please include the board name.

- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
	1-673-002-11	BALANCE BOARD			
		**********			
		< CONNECTOR >			
* CNS106	1-695-808-11	CONNECTOR, PC BOARD 8P			
CNS401	1-770-398-11	HOUSING, CONNECTOR (PC BOARD) 5P			
		< DIODE >			
D122	8-719-046-39	DIODE SEL5821A-TP15 (MUTING)			
		< TRANSISTOR >			
Q122	8-729-900-36	TRANSISTOR DTC124ES			
		< RESISTOR >			
R152	1-249-411-11	CARBON	330	5%	1/4W
R153	1-249-413-11	CARBON	470	5%	1/4W F
R185	1-249-412-11	CARBON	390	5%	1/4W F
R186	1-249-412-11	CARBON	390	5%	1/4W F
		< VARIABLE RESISTOR >			
RV402	1-225-447-11	RES, VAR, CARBON 100K/100K (BALANCE)			
		< SWITCH >			
S106	1-762-196-21	SWITCH, TACT (TONE)			
S111	1-762-196-21	SWITCH, TACT (BASS BOOST)			
S116	1-762-196-21	SWITCH, TACT (MUTING)			
**********					
	1-672-991-11	BRIDGE-A BOARD			
		**********			
		< CONNECTOR >			
CNP652	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
CNP654	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P			
**********					
	1-672-992-11	BRIDGE-B BOARD			
		**********			
		< CONNECTOR >			
CNP651	1-785-820-11	CONNECTOR, BOARD TO BOARD 15P			
CNP653	1-785-820-11	CONNECTOR, BOARD TO BOARD 15P			
**********					

Ref. No.	Part No.	Description			Remarks
	A-4419-073-A	DISPLAY BOARD, COMPLETE (DE535:US,CND)			
		**********			
	A-4419-201-A	DISPLAY BOARD, COMPLETE (SE491)			
		**********			
	A-4419-206-A	DISPLAY BOARD, COMPLETE (DE535:AUS)			
		**********			
	A-4419-210-A	DISPLAY BOARD, COMPLETE (DE535;MY,SP)			
		**********			
	A-4419-213-A	DISPLAY BOARD, COMPLETE (DE535;E)			
		**********			
	A-4419-217-A	DISPLAY BOARD, COMPLETE (DE435;US,CND)			
		**********			
	A-4419-223-A	DISPLAY BOARD, COMPLETE (DE435:AUS)			
		**********			
	A-4419-225-A	DISPLAY BOARD, COMPLETE			
		**********			
					(DE435:MY,SP/V424)
	A-4419-228-A	DISPLAY BOARD, COMPLETE (AEP)			
		**********			
	A-4419-236-A	DISPLAY BOARD, COMPLETE (EE,CIS)			
		**********			
*	A-4419-605-A	DISPLAY BOARD, COMPLETE (V525)			
		**********			
*	3-386-245-11	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			
		< CAPACITOR >			
C101	1-164-159-11	CERAMIC	0.1uF		50V
C102	1-164-159-11	CERAMIC	0.1uF		50V
C103	1-164-159-11	CERAMIC	0.1uF		50V
C104	1-124-465-00	ELECT	0.47uF	20%	50V
C105	1-164-159-11	CERAMIC	0.1uF		50V
C106	1-126-163-11	ELECT	4.7uF	20%	50V
C107	1-124-261-00	ELECT	10uF	20%	50V
C108	1-164-159-11	CERAMIC	0.1uF		50V
C109	1-124-589-11	ELECT	47uF	20%	16V
C111	1-124-589-11	ELECT	47uF	20%	16V
					(EXCEPT DE535:US,CND)

Ref. No.	Part No.	Description			Remarks
C112	1-164-159-11	CERAMIC	0.1uF		50V
C113	1-124-589-11	ELECT	47uF	20%	16V
C114	1-164-159-11	CERAMIC	0.1uF		50V
C115	1-104-905-11	CAPACITOR	0.22F		5.5V
C116	1-164-159-11	CERAMIC	0.1uF		50V
C117	1-164-159-11	CERAMIC	0.1uF		50V
C130	1-164-159-11	CERAMIC	0.1uF		50V
C141	1-164-159-11	CERAMIC	0.1uF		50V
C143	1-164-159-11	CERAMIC	0.1uF		50V
C1001	1-124-261-00	ELECT	10uF	20%	50V (DE535/V525)
C1002	1-164-159-11	CERAMIC	0.1uF		50V (DE535/V525)
C1003	1-164-159-11	CERAMIC	0.1uF		50V (DE535/V525)
C1004	1-164-360-11	CERAMIC	0.01uF	20%	16V (DE535/V525)
C1005	1-164-360-11	CERAMIC	0.01uF	20%	16V (DE535/V525)
C1006	1-124-916-11	ELECT	1000uF	20%	6.3V (DE535/V525)
CC101	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC102	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC103	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC104	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC105	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC106	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC107	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC108	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC109	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC110	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC111	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC112	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC113	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC114	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC115	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC116	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC117	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC118	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC119	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC120	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC121	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC122	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC123	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC124	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC125	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC126	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC127	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC128	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
CC129	1-162-199-31	CERAMIC	10PF	5%	50V (EXCEPT DE435:MY,SP/V424)
		< CONNECTOR >			
CNP106	1-779-365-11	CONNECTOR, PC BOARD (PLUG) 8P			
CNP107	1-779-365-11	CONNECTOR, PC BOARD (PLUG) 8P			
CNP109	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P (V525)			
CNP110	1-785-821-11	CONNECTOR, BOARD TO BOARD 6P			
CNP111	1-785-821-11	CONNECTOR, BOARD TO BOARD 6P (DE435/SE491/V424/DE535)			
CNP111	1-779-366-11	CONNECTOR, BOARD TO BOARD 4P (V525)			
CNP112	1-785-821-11	CONNECTOR, BOARD TO BOARD 6P			
CNS101	1-569-932-11	SOCKET, CONNECTOR 15P			
CNS103	1-569-930-11	SOCKET, CONNECTOR 13P (DE435 EXCEPT US,CND/V424/SE491)			
* CNS103	1-569-932-11	SOCKET, CONNECTOR 15P (DE435:US,CND/DE535/V525)			
CNS104	1-564-723-11	PIN, CONNECTOR (SMALL TYPE) 7P (DE535:US,CND DE435:AEP)			
CNS104	1-564-726-11	PIN, CONNECTOR (SMALL TYPE) 10P (EXCEPT DE535:US,CND DE435:AEP)			
CNS105	1-770-397-11	HOUSING, CONNECTOR (PC BOARD) 4P			
		< DIODE >			
D107	8-719-911-19	DIODE 1SS119			
D108	8-719-911-19	DIODE 1SS119			
D110	8-719-911-19	DIODE 1SS119			
D111	8-719-911-19	DIODE 1SS119			
D112	8-719-911-19	DIODE 1SS119			
D113	8-719-911-19	DIODE 1SS119			
D114	8-719-911-19	DIODE 1SS119			
D115	8-719-046-39	DIODE SEL5821A-TH15			
D116	8-719-046-39	DIODE SEL5821A-TH15			
D1001	8-719-911-19	DIODE 1SS119 (DE535/V525)			
D1002	8-719-911-19	DIODE 1SS119 (DE535/V525)			
D1003	8-719-059-14	DIODE SID313BP-TP19 (DE535/V525)			
D1004	8-719-059-14	DIODE SID313BP-TP19 (DE535/V525)			
D1005	8-719-059-14	DIODE SID313BP-TP19 (DE535/V525)			
D1104	8-719-911-19	DIODE 1SS119 (DE535/V525)			
D1105	8-719-911-19	DIODE 1SS119 (DE535/V525)			

DISPLAY

Ref. No.	Part No.	Description	Remarks
		< FLUORESCENT TUBE >	
FL101	1-517-770-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC100	8-759-577-79	IC uPD780208GF-032-3BA	(EXCEPT DE535:US,CND)
IC100	8-759-577-91	IC M62438FP-600D (DE535:US,CND)	
IC101	8-759-332-18	IC GP1U27XB	
IC102	8-759-962-08	IC BA6208	
IC1001	8-759-545-07	IC TMP87C447U-4A06 (DE535/V525)	
IC1002	8-759-916-12	IC SN74HC00AN (DE535/V525)	
		< COIL >	
L101	1-410-509-11	INDUCTOR 10uH	
L1001	1-408-080-00	INDUCTOR 100uH (DE535/V525)	
		< TRANSISTOR >	
Q101	8-729-900-36	TRANSISTOR DTC124ES	
Q102	8-729-900-63	TRANSISTOR DTA124ES	
Q115	8-729-900-36	TRANSISTOR DTC124ES	
Q116	8-729-900-36	TRANSISTOR DTC124ES	
Q1001	8-729-119-78	TRANSISTOR 2SC403SP-51 (DE535/V525)	
Q1002	8-729-119-78	TRANSISTOR 2SC403SP-51 (DE535/V525)	
Q1004	8-729-801-93	TRANSISTOR 2SD1387 (DE535/V525)	
Q1005	8-729-801-93	TRANSISTOR 2SD1387 (DE535/V525)	
		< RESISTOR >	
R020	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R021	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R022	1-249-433-11	CARBON 22K 5% 1/4W	
R023	1-249-433-11	CARBON 22K 5% 1/4W	(EXCEPT AEP,EE,CIS/SE491)
R024	1-249-433-11	CARBON 22K 5% 1/4W	(DE435,V424,SE491)
R025	1-249-433-11	CARBON 22K 5% 1/4W	
R026	1-249-433-11	CARBON 22K 5% 1/4W	(EXCEPT AEP,EE,CIS)
R027	1-249-433-11	CARBON 22K 5% 1/4W	(EXCEPT AEP,EE,CIS)
R028	1-249-433-11	CARBON 22K 5% 1/4W	
R029	1-249-433-11	CARBON 22K 5% 1/4W	
R030	1-249-433-11	CARBON 22K 5% 1/4W	
⚠R099	1-249-383-11	CARBON 1.5 5% 1/6W	F (EXCEPT US,CND)
⚠R099	1-249-387-81	CARBON 3.3 5% 1/4W	F (US,CND)
⚠R100	1-249-383-11	CARBON 1.5 5% 1/6W	F (EXCEPT US,CND)
⚠R100	1-249-387-81	CARBON 3.3 5% 1/4W	F (US,CND)
R101	1-247-807-31	CARBON 100 5% 1/4W	
R102	1-249-417-11	CARBON 1K 5% 1/4W	F
R103	1-247-807-31	CARBON 100 5% 1/4W	
R104	1-247-807-31	CARBON 100 5% 1/4W	
R105	1-249-425-11	CARBON 4.7K 5% 1/4W	F

Ref. No.	Part No.	Description			Remarks
R106	1-247-807-31	CARBON	100	5% 1/4W	
R107	1-247-807-31	CARBON	100	5% 1/4W	
R108	1-247-807-31	CARBON	100	5% 1/4W	
R109	1-247-807-31	CARBON	100	5% 1/4W	
R110	1-247-807-31	CARBON	100	5% 1/4W	
R111	1-247-807-31	CARBON	100	5% 1/4W	
R112	1-247-807-31	CARBON	100	5% 1/4W	
R113	1-247-807-31	CARBON	100	5% 1/4W	
R114	1-247-807-31	CARBON	100	5% 1/4W	
R115	1-247-807-31	CARBON	100	5% 1/4W	
R116	1-247-807-31	CARBON	100	5% 1/4W	
R117	1-247-807-31	CARBON	100	5% 1/4W	
R118	1-247-807-31	CARBON	100	5% 1/4W	
R119	1-247-807-31	CARBON	100	5% 1/4W	
R120	1-247-807-31	CARBON	100	5% 1/4W	
R121	1-247-807-31	CARBON	100	5% 1/4W	
R122	1-247-807-31	CARBON	100	5% 1/4W	
R123	1-249-429-11	CARBON	10K	5% 1/4W	
R124	1-249-433-11	CARBON	22K	5% 1/4W	(DE435:AEP,AUS)
R124	1-249-435-11	CARBON	33K	5% 1/4W	(EE,CIS)
R124	1-249-427-11	CARBON	6.8K	5% 1/4W	F (DE435:MY,SP/V424/DE535:AU)
R124	1-247-843-11	CARBON	3.3K	5% 1/4W	(V525/SE491)
R124	1-249-431-11	CARBON	15K	5% 1/4W	(DE535:US,CND)
R124	1-249-425-11	CARBON	4.7K	5% 1/4W	F (DE535:E)
R124	1-249-429-11	CARBON	10K	5% 1/4W	(DE535:MY,SP)
R125	1-249-421-11	CARBON	2.2K	5% 1/4W	F (AEP)
R125	1-249-427-11	CARBON	6.8K	5% 1/4W	F (DE535:E EE,CIS/SE491)
R125	1-247-843-11	CARBON	3.3K	5% 1/4W	(DE435:MY,SP DE535:MY,SP/V424)
R125	1-249-433-11	CARBON	22K	5% 1/4W	(DE435:AUS)
R125	1-249-415-11	CARBON	680	5% 1/4W	F (DE535:US,CND)
R125	1-249-425-11	CARBON	4.7K	5% 1/4W	F (DE535:AUS)
R125	1-249-429-11	CARBON	10K	5% 1/4W	(V525)
R126	1-249-427-11	CARBON	6.8K	5% 1/4W	F
R127	1-249-427-11	CARBON	6.8K	5% 1/4W	F
R128	1-249-427-11	CARBON	6.8K	5% 1/4W	F
R129	1-249-427-11	CARBON	6.8K	5% 1/4W	F
R130	1-249-429-11	CARBON	10K	5% 1/4W	(DE435/SE491/V424)
R131	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R132	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R133	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R134	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R135	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R136	1-249-433-11	CARBON	22K	5% 1/4W	
R137	1-249-441-11	CARBON	100K	5% 1/4W	
R138	1-249-417-11	CARBON	1K	5% 1/4W	F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
R140	1-249-411-11	CARBON	330	5%	1/4W
R151	1-249-441-11	CARBON	100K	5%	1/4W
R169	1-249-433-11	CARBON	22K	5%	1/4W
R181	1-249-412-11	CARBON	390	5%	1/4W F
R182	1-249-412-11	CARBON	390	5%	1/4W F
R183	1-249-412-11	CARBON	390	5%	1/4W F
R184	1-249-412-11	CARBON	390	5%	1/4W F
R1001	1-249-429-11	CARBON	10K	5%	1/4W (DE535/SE491/V525)
R1002	1-249-425-11	CARBON	4.7K	5%	1/4W F (DE535/V525)
R1003	1-249-429-11	CARBON	10K	5%	1/4W (DE535/SE491/V525)
R1004	1-249-393-11	CARBON	10	5%	1/4W F (DE535/V525)
R1005	1-249-429-11	CARBON	10K	5%	1/4W (DE535/SE491/V525)
R1006	1-249-425-11	CARBON	4.7K	5%	1/4W F (DE535/V525)
R1007	1-249-429-11	CARBON	10K	5%	1/4W (DE535/SE491/V525)
R1008	1-249-429-11	CARBON	10K	5%	1/4W (DE535/SE491/V525)
R1009	1-249-385-11	CARBON	2.2	5%	1/6W F (DE535/V525)
R1010	1-249-385-11	CARBON	2.2	5%	1/6W F (DE535/V525)
RR101	1-249-437-11	CARBON	47K	5%	1/4W
RR102	1-249-437-11	CARBON	47K	5%	1/4W
RR103	1-249-437-11	CARBON	47K	5%	1/4W
RR104	1-249-437-11	CARBON	47K	5%	1/4W
RR105	1-249-437-11	CARBON	47K	5%	1/4W
RR106	1-249-437-11	CARBON	47K	5%	1/4W
RR107	1-249-437-11	CARBON	47K	5%	1/4W
RR108	1-249-437-11	CARBON	47K	5%	1/4W
RR109	1-249-437-11	CARBON	47K	5%	1/4W
RR110	1-249-437-11	CARBON	47K	5%	1/4W
RR111	1-249-437-11	CARBON	47K	5%	1/4W
RR112	1-249-437-11	CARBON	47K	5%	1/4W
RR113	1-249-437-11	CARBON	47K	5%	1/4W
RR114	1-249-437-11	CARBON	47K	5%	1/4W
RR115	1-249-437-11	CARBON	47K	5%	1/4W
RR116	1-249-437-11	CARBON	47K	5%	1/4W
RR117	1-249-437-11	CARBON	47K	5%	1/4W
RR118	1-249-437-11	CARBON	47K	5%	1/4W
RR119	1-249-437-11	CARBON	47K	5%	1/4W
RR120	1-249-437-11	CARBON	47K	5%	1/4W
RR121	1-249-437-11	CARBON	47K	5%	1/4W
RR122	1-249-437-11	CARBON	47K	5%	1/4W
RR123	1-249-437-11	CARBON	47K	5%	1/4W
RR124	1-249-437-11	CARBON	47K	5%	1/4W (EXCEPT DE535:MY,SP/V525)
RR125	1-249-437-11	CARBON	47K	5%	1/4W (EXCEPT DE535:MY,SP/V525)
RR126	1-249-437-11	CARBON	47K	5%	1/4W
RR127	1-249-437-11	CARBON	47K	5%	1/4W
RR128	1-249-437-11	CARBON	47K	5%	1/4W
RR129	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description				Remarks
		< SWITCH >				
S142	1-762-196-21	SWITCH, TACT (EXCEPT DE435:US,CND)				
S142	1-762-875-21	SWITCH, KEYBOARD (DE435:US,CND)				
S148	1-762-196-21	SWITCH, TACT (EXCEPT DE435:US,CND)				
S148	1-762-875-21	SWITCH, KEYBOARD (DE435:US,CND)				
		< VIBRATOR >				
X101	1-760-489-11	VIBRATOR, CERAMIC (5MHz)				
X1000	1-767-938-21	VIBRATOR, CERAMIC (7.28MHZ) (DE535/V525)				
**********						
	1-672-994-11	HEADPHONE BOARD				
		**********				
		< EARTH >				
* EB502	1-537-738-21	TERMINAL, EARTH				
		< JACK >				
J501	1-750-731-11	JACK (LARGE TYPE) (HEADPHONE)(SE491)				
J501	1-750-733-11	JACK (LARGE TYPE) (HEADPHONE)				(DE435/V424/DE535)
J501	1-750-735-11	JACK (LARGE TYPE) (HEADPHONE)(V525)				
**********						
	A-4419-079-A	INPUT BOARD, COMPLETE				
		**********				(DE535/SE491/V525)
	A-4419-220-A	INPUT BOARD, COMPLETE				
		**********				(EXCEPT AEP,EE,CIS/DE535/SE491/V525)
	A-4419-232-A	INPUT BOARD, COMPLETE (AEP,EE,CIS)				
		**********				
		< CAPACITOR >				
C201	1-126-961-11	ELECT	2.2uF	20%	50V	(DE535/SE491/V525)
C202	1-162-282-31	CERAMIC	100PF	10%	50V	(DE535/SE491/V525)
C203	1-125-896-91	MYLAR	0.0091uF	5%	50V	(DE535/SE491/V525)
C204	1-136-159-00	FILM	0.033uF	5%	50V	(DE535/SE491/V525)
C205	1-104-666-11	ELECT	220uF	20%	10V	(DE535/SE491/V525)
C206	1-126-961-11	ELECT	2.2uF	20%	50V	(DE535/SE491/V525)
C207	1-164-159-11	CERAMIC	0.1uF		50V	(DE535/SE491/V525)
C208	1-162-294-31	CERAMIC	0.001uF	10%	50V	(DE535/SE491/V525)
C209	1-126-965-11	ELECT	22uF	20%	50V	
C211	1-104-664-11	ELECT	47uF	20%	16V	
C213	1-104-664-11	ELECT	47uF	20%	16V	
C214	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C215	1-126-965-11	ELECT	22uF	20%	50V	
C230	1-164-159-11	CERAMIC	0.1uF		50V	
C231	1-164-159-11	CERAMIC	0.1uF		50V	

INPUT

Ref. No.	Part No.	Description			Remarks
C232	1-162-288-31	CERAMIC	330PF	10%	50V (AEP,EE,CIS)
C233	1-102-527-11	CERAMIC	82PF	5%	50V (AEP,EE,CIS)
C234	1-102-852-91	CERAMIC	47PF	5%	50V (AEP,EE,CIS)
C235	1-126-961-11	ELECT	2.2uF	20%	50V (AEP,EE,CIS)
C236	1-164-159-00	CERAMIC	0.1uF	5%	50V (AEP,EE,CIS)
C237	1-162-291-31	CERAMIC	560PF	10%	50V (AEP,EE,CIS)
C238	1-126-964-11	ELECT	10uF	20%	50V (AEP,EE,CIS)
C239	1-164-159-11	CERAMIC	0.1uF		50V
C240	1-164-159-11	CERAMIC	0.1uF		50V
C251	1-126-961-11	ELECT	2.2uF	20%	50V (DE535/SE491/V525)
C252	1-162-282-31	CERAMIC	100PF	10%	50V (DE535/SE491/V525)
C253	1-125-896-91	MYLAR	0.0091uF	5%	50V (DE535/SE491/V525)
C254	1-136-159-00	FILM	0.033uF	5%	50V (DE535/SE491/V525)
C255	1-104-666-11	ELECT	220uF	20%	10V (DE535/SE491/V525)
C256	1-126-961-11	ELECT	2.2uF	20%	50V (DE535/SE491/V525)
C257	1-164-159-11	CERAMIC	0.1uF		50V (DE535/SE491/V525)
C258	1-162-294-31	CERAMIC	0.001uF	10%	50V (DE535/SE491/V525)
C259	1-126-965-11	ELECT	22uF	20%	50V
C265	1-126-965-11	ELECT	22uF	20%	50V
C501	1-126-966-11	ELECT	33uF	20%	50V
C502	1-162-284-31	CERAMIC	150PF	10%	50V
C503	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C504	1-104-666-11	ELECT	220uF	20%	10V
C505	1-102-233-00	CERAMIC	33PF	10%	500V
C506	1-162-282-31	CERAMIC	100PF	10%	50V
C510	1-162-282-31	CERAMIC	100PF	10%	50V
C551	1-126-966-11	ELECT	33uF	20%	50V
C552	1-162-284-31	CERAMIC	150PF	10%	50V
C553	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C554	1-104-666-11	ELECT	220uF	20%	10V
C555	1-102-233-00	CERAMIC	33PF	10%	500V
C556	1-162-282-31	CERAMIC	100PF	10%	50V
C594	1-128-560-11	ELECT	22uF	20%	100V
C595	1-128-560-11	ELECT	22uF	20%	100V
C601	1-126-966-11	ELECT	33uF	20%	50V
C602	1-162-284-31	CERAMIC	150PF	10%	50V
C603	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C604	1-104-666-11	ELECT	220uF	20%	10V
C605	1-102-989-00	CERAMIC	68PF	5%	500V
C606	1-102-989-00	CERAMIC	68PF	5%	500V
C693	1-104-666-11	ELECT	220uF	20%	10V
C701	1-126-966-11	ELECT	33uF	20%	50V
C702	1-162-284-31	CERAMIC	150PF	10%	50V
C703	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C704	1-104-666-11	ELECT	220uF	20%	10V

Ref. No.	Part No.	Description			Remarks
C705	1-102-233-00	CERAMIC	33PF	10%	500V
C706	1-162-282-31	CERAMIC	100PF	10%	50V
C710	1-162-282-31	CERAMIC	100PF	10%	50V
C751	1-126-966-11	ELECT	33uF	20%	50V
C752	1-162-284-31	CERAMIC	150PF	10%	50V
C753	1-107-584-11	CERAMIC	4PF	0.25PF	500V
C754	1-104-666-11	ELECT	220uF	20%	10V
C755	1-102-233-00	CERAMIC	33PF	10%	500V
C756	1-162-282-31	CERAMIC	100PF	10%	50V
C821	1-126-959-11	ELECT	0.47uF	20%	50V
C823	1-126-959-11	ELECT	0.47uF	20%	50V
C824	1-126-933-11	ELECT	100uF	20%	16V
C825	1-126-933-11	ELECT	100uF	20%	16V
C826	1-126-933-11	ELECT	100uF	20%	16V
C827	1-104-664-11	ELECT	47uF	20%	16V
CC203	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC204	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC205	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC206	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC207	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC208	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC253	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC254	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC255	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC256	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC257	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)
CC258	1-162-282-31	CERAMIC	100PF	10%	50V (AEP,EE,CIS)

< CONNECTOR >

CNP104	1-784-923-11	PIN, CONNECTOR 7P (EXCEPT AEP,EE,CIS)
CNP104	1-784-925-11	PIN, CONNECTOR 10P (AEP,EE,CIS)
CNS200	1-569-932-11	SOCKET, CONNECTOR 15P
CNS230	1-569-932-11	SOCKET, CONNECTOR 15P
CNS405	1-569-927-11	SOCKET, CONNECTOR 9P
CNS653	1-785-819-11	HOUSING, CONNECTOR (PC BOARD) 15P
CNS654	1-770-404-11	HOUSING, CONNECTOR (PC BOARD) 11P

< IC >

IC201	8-759-636-74	IC M5218AP-22 (DE535/SE491/V525)
IC202	8-759-636-74	IC M5218AP-22
IC203	8-759-636-74	IC M5218AP-22
IC204	8-759-545-64	IC LC78212
IC230	8-759-541-48	IC BU1924 (AEP,EE,CIS)
IC501	8-759-326-52	IC uPC2581V
IC601	8-749-011-16	IC STK350-230
IC701	8-759-326-52	IC uPC2581V
IC801	8-759-604-40	IC M5F78M15
IC802	8-759-231-58	IC TA7812S

Ref. No.	Part No.	Description	Remarks
IC803	8-759-604-46	IC M5F79M15	
IC804	8-759-604-35	IC M5F78M05L	
		< JACK >	
J201	1-770-614-11	JACK, PIN 4P (DE535/SE491/V525)	
J202	1-691-887-11	JACK, PIN 6P (EXCEPT DE535/SE491/V525)	
J202	1-770-613-11	JACK, PIN 4P (DE535/SE491/V525)	
J203	1-580-825-11	JACK, PIN 6P	
		< TRANSISTOR >	
L230	1-408-080-00	INDUCTOR 100uH (AEP,EE,CIS)	
Q691	8-729-900-80	TRANSISTOR DTC114ES	
Q692	8-729-422-57	TRANSISTOR UN4111	
		< RESISTOR >	
R201	1-249-401-11	CARBON 47 5% 1/4W F	(DE535/SE491/V525)
R202	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)
R203	1-249-440-11	CARBON 82K 5% 1/4W	(DE535/SE491/V525)
R204	1-249-408-11	CARBON 180 5% 1/4W F	(DE535/SE491/V525)
R205	1-249-428-11	CARBON 8.2K 5% 1/4W F	(DE535/SE491/V525)
R206	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)
R207	1-247-807-31	CARBON 100 5% 1/4W	(DE535/SE491/V525)
R208	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)
R209	1-249-413-11	CARBON 470 5% 1/4W F	(DE535/SE491/V525)
R210	1-249-417-11	CARBON 1K 5% 1/4W F	
R211	1-249-417-11	CARBON 1K 5% 1/4W F	
R212	1-249-417-11	CARBON 1K 5% 1/4W F	
R213	1-249-417-11	CARBON 1K 5% 1/4W F	
R214	1-249-417-11	CARBON 1K 5% 1/4W F	
R215	1-249-417-11	CARBON 1K 5% 1/4W F	
R216	1-249-441-11	CARBON 100K 5% 1/4W	
R217	1-249-429-11	CARBON 10K 5% 1/4W	
R218	1-249-434-11	CARBON 27K 5% 1/4W	
R227	1-249-429-11	CARBON 10K 5% 1/4W	
R228	1-247-807-31	CARBON 100 5% 1/4W	
R229	1-247-807-31	CARBON 100 5% 1/4W	
R230	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R231	1-249-436-11	CARBON 39K 5% 1/4W	
R232	1-247-807-31	CARBON 100 5% 1/4W	(AEP,EE,CIS)
R233	1-247-807-31	CARBON 100 5% 1/4W	(AEP,EE,CIS)
R234	1-249-421-11	CARBON 2.2K 5% 1/4W F	(AEP,EE,CIS)
R235	1-249-436-11	CARBON 39K 5% 1/4W	
R245	1-249-429-11	CARBON 10K 5% 1/4W	
R251	1-249-401-11	CARBON 47 5% 1/4W F	(DE535/SE491/V525)
R252	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)

Ref. No.	Part No.	Description	Remarks
R253	1-249-440-11	CARBON 82K 5% 1/4W	(DE535/SE491/V525)
R254	1-249-408-11	CARBON 180 5% 1/4W F	(DE535/SE491/V525)
R255	1-249-428-11	CARBON 8.2K 5% 1/4W F	(DE535/SE491/V525)
R256	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)
R257	1-247-807-31	CARBON 100 5% 1/4W	(DE535/SE491/V525)
R258	1-249-441-11	CARBON 100K 5% 1/4W	(DE535/SE491/V525)
R259	1-249-413-11	CARBON 470 5% 1/4W F	(DE535/SE491/V525)
R260	1-249-417-11	CARBON 1K 5% 1/4W F	
R261	1-249-417-11	CARBON 1K 5% 1/4W F	
R262	1-249-417-11	CARBON 1K 5% 1/4W F	
R263	1-249-417-11	CARBON 1K 5% 1/4W F	
R264	1-249-417-11	CARBON 1K 5% 1/4W F	
R265	1-249-417-11	CARBON 1K 5% 1/4W F	
R266	1-249-441-11	CARBON 100K 5% 1/4W	
R267	1-249-429-11	CARBON 10K 5% 1/4W	
R268	1-249-434-11	CARBON 27K 5% 1/4W	
R277	1-249-429-11	CARBON 10K 5% 1/4W	
R295	1-249-429-11	CARBON 10K 5% 1/4W	
R501	1-249-417-11	CARBON 1K 5% 1/4W F	
R502	1-249-439-11	CARBON 68K 5% 1/4W	
R503	1-249-439-11	CARBON 68K 5% 1/4W	
R504	1-249-420-11	CARBON 1.8K 5% 1/4W F	(AEP,EE,CIS)
R504	1-249-418-11	CARBON 1.2K 5% 1/4W F	(EXCEPT AEP,EE,CIS)
R551	1-249-417-11	CARBON 1K 5% 1/4W F	
R552	1-249-439-11	CARBON 68K 5% 1/4W	
R553	1-249-439-11	CARBON 68K 5% 1/4W	
R554	1-249-420-11	CARBON 1.8K 5% 1/4W F	(AEP,EE,CIS)
R554	1-249-418-11	CARBON 1.2K 5% 1/4W F	(EXCEPT AEP,EE,CIS)
R590	1-249-433-11	CARBON 22K 5% 1/4W	
R592	1-249-381-11	CARBON 1 5% 1/4W F	
R593	1-249-381-11	CARBON 1 5% 1/4W F	
R601	1-249-417-11	CARBON 1K 5% 1/4W F	
R602	1-249-439-11	CARBON 68K 5% 1/4W	
R603	1-249-439-11	CARBON 68K 5% 1/4W	
R604	1-249-411-11	CARBON 330 5% 1/4W	(EXCEPT AEP,EE,CIS)
R604	1-249-442-11	CARBON 510 5% 1/4W	(AEP,EE,CIS)
R606	1-249-413-11	CARBON 470 5% 1/4W F	
R693	1-249-437-11	CARBON 47K 5% 1/4W	
R694	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R701	1-249-417-11	CARBON 1K 5% 1/4W F	
R702	1-249-439-11	CARBON 68K 5% 1/4W	
R703	1-249-439-11	CARBON 68K 5% 1/4W	
R704	1-249-411-11	CARBON 330 5% 1/4W	(EXCEPT AEP,EE,CIS)
R704	1-249-442-11	CARBON 510 5% 1/4W	(AEP,EE,CIS)
R751	1-249-417-11	CARBON 1K 5% 1/4W F	

INPUT KEY

Ref. No.	Part No.	Description			Remarks
R752	1-249-439-11	CARBON	68K	5%	1/4W
R753	1-249-439-11	CARBON	68K	5%	1/4W
R754	1-249-411-11	CARBON	330	5%	1/4W (EXCEPT AEP,EE,CIS)
R754	1-249-442-11	CARBON	510	5%	1/4W (AEP,EE,CIS)
R790	1-249-433-11	CARBON	22K	5%	1/4W
		< VIBRATOR >			
X230	1-579-900-21	VIBRATOR, CRYSTAL 4.332MHz(AEP,EE,CIS)			
**********					
	A-4419-078-A	KEY BOARD, COMPLETE (DE535/SE491/V525)			
		**********			
	A-4419-219-A	KEY BOARD, COMPLETE			
		**********			
		(EXCEPT AEP,EE,CIS/DE535/SE491/V525)			
	A-4419-231-A	KEY BOARD, COMPLETE (AEP,EE,CIS)			
		**********			
		< CONNECTOR >			
CNS110	1-770-399-11	HOUSING, CONNECTOR (PC BOARD) 6P			
CNS111	1-770-399-11	HOUSING, CONNECTOR (PC BOARD) 6P			
CNS112	1-770-399-11	HOUSING, CONNECTOR (PC BOARD) 6P			
		< DIODE >			
D119	8-719-046-39	DIODE SEL5821A-TP15 (DE535/SE491/V525) (TUNER)			
D120	8-719-046-39	DIODE SEL5821A-TP15 (TUNER)			
D123	8-719-046-39	DIODE SEL5821A-TP15 (DE535/SE491/V525) (CD)			
D124	8-719-046-39	DIODE SEL5821A-TP15 (CD)			
D125	8-719-046-39	DIODE SEL5821A-TP15 (SET UP)			
D126	8-719-046-39	DIODE SEL5821A-TP15 (PHONO) (DE535/SE491/V525)			
D127	8-719-046-39	DIODE SEL5821A-TP15 (NAME)			
D128	8-719-046-39	DIODE SEL5821A-TP15 (MD/TAPE)			
D129	8-719-046-39	DIODE SEL5821A-TP15 (BASS/TREBLE)			
D130	8-719-046-39	DIODE SEL5821A-TP15 (TU/LD)			
D131	8-719-046-39	DIODE SEL5821A-TP15 (SUR)			
D132	8-719-046-39	DIODE SEL5821A-TP15 (VIDEO)			
D133	8-719-046-39	DIODE SEL5821A-TP15 (5.1CH/DVD)			
		< TRANSISTOR >			
Q122	8-729-900-36	TRANSISTOR DTC124ES			
Q124	8-729-900-36	TRANSISTOR DTC124ES			
Q125	8-729-900-36	TRANSISTOR DTC124ES			
Q126	8-729-900-36	TRANSISTOR DTC124ES (DE535/SE491/V525)			
Q127	8-729-900-36	TRANSISTOR DTC124ES			
Q128	8-729-900-36	TRANSISTOR DTC124ES			
Q129	8-729-900-36	TRANSISTOR DTC124ES			
Q130	8-729-900-36	TRANSISTOR DTC124ES			
Q131	8-729-900-36	TRANSISTOR DTC124ES			
Q132	8-729-900-36	TRANSISTOR DTC124ES			
Q133	8-729-900-36	TRANSISTOR DTC124ES			

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R141	1-249-411-11	CARBON	330	5%	1/4W
R142	1-249-413-11	CARBON	470	5%	1/4W F
R143	1-249-415-11	CARBON	680	5%	1/4W F
R144	1-249-417-11	CARBON	1K	5%	1/4W F
R145	1-249-419-11	CARBON	1.5K	5%	1/4W F
R146	1-249-421-11	CARBON	2.2K	5%	1/4W F
R147	1-247-843-11	CARBON	3.3K	5%	1/4W
R148	1-249-425-11	CARBON	4.7K	5%	1/4W F
R149	1-249-429-11	CARBON	10K	5%	1/4W
R150	1-249-433-11	CARBON	22K	5%	1/4W
R154	1-249-415-11	CARBON	680	5%	1/4W F
R155	1-249-417-11	CARBON	1K	5%	1/4W F
R156	1-249-419-11	CARBON	1.5K	5%	1/4W F
R157	1-249-421-11	CARBON	2.2K	5%	1/4W F
R158	1-247-843-11	CARBON	3.3K	5%	1/4W
R159	1-249-425-11	CARBON	4.7K	5%	1/4W F
R160	1-249-429-11	CARBON	10K	5%	1/4W
R161	1-249-433-11	CARBON	22K	5%	1/4W
R162	1-249-413-11	CARBON	470	5%	1/4W F
R163	1-249-415-11	CARBON	680	5%	1/4W F
R164	1-249-417-11	CARBON	1K	5%	1/4W F
R165	1-249-419-11	CARBON	1.5K	5%	1/4W F
R166	1-249-421-11	CARBON	2.2K	5%	1/4W F
R167	1-247-843-11	CARBON	3.3K	5%	1/4W
R168	1-249-425-11	CARBON	4.7K	5%	1/4W F
R170	1-249-411-11	CARBON	330	5%	1/4W
R171	1-249-413-11	CARBON	470	5%	1/4W F
R172	1-249-415-11	CARBON	680	5%	1/4W F
R173	1-249-417-11	CARBON	1K	5%	1/4W F
R174	1-249-419-11	CARBON	1.5K	5%	1/4W F
R175	1-249-421-11	CARBON	2.2K	5%	1/4W F
R176	1-247-843-11	CARBON	3.3K	5%	1/4W
R177	1-249-425-11	CARBON	4.7K	5%	1/4W F
R178	1-249-429-11	CARBON	10K	5%	1/4W
R179	1-249-433-11	CARBON	22K	5%	1/4W
R180	1-249-437-11	CARBON	47K	5%	1/4W
R189	1-249-429-11	CARBON	10K	5%	1/4W
R190	1-249-437-11	CARBON	47K	5%	1/4W
R193	1-249-412-11	CARBON	390	5%	1/4W F
R194	1-249-412-11	CARBON	390	5%	1/4W F
R197	1-249-412-11	CARBON	390	5%	1/4W F
R198	1-249-412-11	CARBON	390	5%	1/4W F
		< SWITCH >			
S102	1-762-196-21	SWITCH, TACT (SOUND FIELD MODE –)			
S103	1-762-196-21	SWITCH, TACT (FM/AM:DE435/V424) (FM:DE535/SE491/V525)			
S104	1-762-196-21	SWITCH, TACT (4)			
S105	1-762-196-21	SWITCH, TACT (TUNING +)			
S107	1-762-196-21	SWITCH, TACT (SOUND FIELED MODE +)			
S108	1-762-196-21	SWITCH, TACT (FM MODE)			
S109	1-762-196-21	SWITCH, TACT (5)			
S110	1-762-196-21	SWITCH, TACT (TUNING –)			
S112	1-762-196-21	SWITCH, TACT (SOUND FIELED ON/OFF)			
S113	1-762-196-21	SWITCH, TACT (MEMORY)			

Ref. No.	Part No.	Description	Remarks
S114	1-762-196-21	SWITCH, TACT (6)	
S115	1-762-196-21	SWITCH, TACT (PRESET/PTY SELECT +:DE435/V424) (PRESET TUNING +:DE535/SE491/V525)	
S117	1-762-196-21	SWITCH, TACT (CD) (DE435/V424)	
S118	1-762-196-21	SWITCH, TACT (SET UP)	
S119	1-762-196-21	SWITCH, TACT (7)	
S120	1-762-196-21	SWITCH, TACT (PRESET/PTY SELECT -:DE435/V424) (PRESET TUNING -:DE535/SE491/V525)	
S121	1-762-196-21	SWITCH, TACT (CD) (DE535/SE491/V525)	
S122	1-762-196-21	SWITCH, TACT (TUNER) (DE535/SE491/V525)	
S123	1-762-196-21	SWITCH, TACT (NAME)	
S124	1-762-196-21	SWITCH, TACT (8)	
S125	1-762-196-21	SWITCH, TACT (1)	
S126	1-762-196-21	SWITCH, TACT (TUNER)(DE435/V424)	
S127	1-762-196-21	SWITCH, TACT (MENU <)	
S128	1-762-196-21	SWITCH, TACT (PHONO)(DE535/SE491/V525)	
S129	1-762-196-21	SWITCH, TACT (9)	
S130	1-762-196-21	SWITCH, TACT (2)	
S131	1-762-196-21	SWITCH, TACT (MENU <)	
S132	1-762-196-21	SWITCH, TACT (SUR)	
S133	1-762-196-21	SWITCH, TACT (SHIFT)	
S134	1-762-196-21	SWITCH, TACT (3)	
S135	1-762-196-21	SWITCH, TACT (ENTER)	
S136	1-762-196-21	SWITCH, TACT (5.1CH/DVD)	
S137	1-762-196-21	SWITCH, TACT (0)	
S138	1-762-196-21	SWITCH, TACT (DIRECT)	
S139	1-762-196-21	SWITCH, TACT (MENU –)	
S140	1-762-196-21	SWITCH, TACT (TV/LD:DE435/V424) (TV/SAT:DE535/SE491/V525)	
S141	1-762-196-21	SWITCH, TACT (RDS PTY)(DE535/SE491/V525)	
S143	1-762-196-21	SWITCH, TACT (MENU +)	
S144	1-762-196-21	SWITCH, TACT (RDS EON:DE435/V424) (AM:DE535/SE491/V525)	
S145	1-762-196-21	SWITCH, TACT (BASS TREBLE)	
S146	1-762-196-21	SWITCH, TACT (VIDEO)	
S147	1-762-196-21	SWITCH, TACT (MD/TAPE)	
**********			
	A-4419-080-A	P.AMP BOARD, COMPLETE **********	(DE435:US/DE535:US)
	A-4419-214-A	P.AMP BOARD, COMPLETE (DE535:E) **********	
	A-4419-208-A	P.AMP BOARD, COMPLETE (MY,SP,AUS,CH) **********	
	A-4419-233-A	P.AMP BOARD, COMPLETE (AEP,EE,CIS) **********	
	A-4419-205-A	P.AMP BOARD, COMPLETE (CND/SE491) **********	
	1-533-233-11	CLIP, FUSE (EXCEPT US,CND)	
		< CAPACITOR >	
C520	1-104-664-11	ELECT 47uF 20%	16V
C521	1-107-597-11	CERAMIC 22PF 10%	500V
C522	1-107-597-11	CERAMIC 22PF 10%	500V
C523	1-162-286-31	CERAMIC 220PF 10%	50V
C524	1-126-964-11	ELECT 10uF 20%	50V
C525	1-136-157-00	FILM 0.022uF 5%	50V
C526	1-136-153-00	FILM 0.01uF 5%	50V
C570	1-104-664-11	ELECT 47uF 20%	16V
C571	1-107-597-11	CERAMIC 22PF 10%	500V
C572	1-107-597-11	CERAMIC 22PF 10%	500V
C573	1-162-286-31	CERAMIC 220PF 10%	50V
C574	1-126-964-11	ELECT 10uF 20%	50V
C575	1-136-157-00	FILM 0.022uF 5%	50V
C576	1-136-153-00	FILM 0.01uF 5%	50V
C620	1-104-664-11	ELECT 47uF 20%	16V
C621	1-107-597-11	CERAMIC 22PF 10%	500V
C622	1-107-597-11	CERAMIC 22PF 10%	500V
C623	1-162-286-31	CERAMIC 220PF 10%	50V
C625	1-136-157-00	FILM 0.022uF 5%	50V
C651	1-215-888-00	METAL OXIDE 220 5%	2W F (CND/SE491)
C659	1-215-888-00	METAL OXIDE 220 5%	2W F (CND/SE491)
C660	1-126-934-11	ELECT 220uF 20%	10V
C661	1-126-964-11	ELECT 10uF 20%	50V
C801	1-104-664-11	ELECT 47uF 20%	25V
C803	1-125-897-11	ELECT 10000uF 20%	71V (EXCEPT CND,AEP,EE,E,CIS/SE491)
C803	1-107-766-12	ELECT 8200µF 20%	71V (CND/SE491/DE535:E)
C803	1-117-203-11	ELECT 10000µF 20%	63V (AEP,EE,CIS)
C804	1-125-897-11	ELECT 10000uF 20%	71V (EXCEPT CND,AEP,EE,E,CIS/SE491)
C804	1-107-766-12	ELECT 8200µF 20%	71V (CND/SE491/DE535:E)
C804	1-117-203-11	ELECT 10000µF 20%	63V (AEP,EE,CIS)
C805	1-130-781-00	MYLAR 0.22uF 5%	100V
C806	1-130-781-00	MYLAR 0.22uF 5%	100V
C807	1-162-294-31	CERAMIC 0.001uF 10%	50V
C808	1-162-294-31	CERAMIC 0.001uF 10%	50V
C811	1-126-952-11	ELECT 1000uF 20%	35V
C812	1-126-951-11	ELECT 470uF 20%	35V (EXCEPT DE435:US/DE535:US)
C813	1-104-664-11	ELECT 47uF 20%	16V
C814	1-124-463-00	ELECT 0.1uF 20%	50V
C817	1-126-967-11	ELECT 47uF 20%	50V
C818	1-126-967-11	ELECT 47uF 20%	50V
C951	1-104-664-11	ELECT 47uF 20%	16V
C952	1-124-463-00	ELECT 0.1uF 20%	50V
CC48	1-164-096-11	CERAMIC 0.01uF	50V (AEP,EE,CIS)
CC49	1-164-096-11	CERAMIC 0.01uF	50V (AEP,EE,CIS)
CC98	1-164-096-11	CERAMIC 0.01uF	50V (AEP,EE,CIS)
CC99	1-164-096-11	CERAMIC 0.01uF	50V (AEP,EE,CIS)
		< CONNECTOR >	
CN502	1-691-765-11	PLUG(MICRO CONNECTOR) 3P	
CN951	1-691-765-11	PLUG(MICRO CONNECTOR) 3P	
CNP711	1-691-771-11	PLUG(MICRO CONNECTOR) 9P	

P. AMP

Ref. No.	Part No.	Description	Remarks
* CNP801	1-564-243-11	PIN, CONNECTOR 6P	
* CNP802	1-564-506-11	PLUG, CONNECTOR 3P	
CNS102	1-569-932-11	SOCKET, CONNECTOR 15P	
CNS602	1-569-928-11	SOCKET, CONNECTOR 11P	
CNS651	1-785-819-11	HOUSING, CONNECTOR(PC BOARD) 15P	
CNS652	1-770-404-11	HOUSING, CONNECTOR(PC BOARD) 11P	
		< DIODE >	
D501	8-719-911-19	DIODE 1SS119	
D502	8-719-109-54	DIODE RD2.2ES-B2	
D503	8-719-109-54	DIODE RD2.2ES-B2	
D504	8-719-911-19	DIODE 1SS119	
D505	8-719-911-19	DIODE 1SS119	
D506	8-719-911-19	DIODE 1SS119	
D513	8-719-911-19	DIODE 1SS119	
D546	8-719-911-19	DIODE 1SS119	
D551	8-719-911-19	DIODE 1SS119	
D552	8-719-109-54	DIODE RD2.2ES-B2	
D553	8-719-109-54	DIODE RD2.2ES-B2	
D554	8-719-911-19	DIODE 1SS119	
D555	8-719-911-19	DIODE 1SS119	
D556	8-719-911-19	DIODE 1SS119	
D596	8-719-911-19	DIODE 1SS119	
D601	8-719-911-19	DIODE 1SS119	
D602	8-719-109-54	DIODE RD2.2ES-B2	
D603	8-719-109-54	DIODE RD2.2ES-B2	
D604	8-719-911-19	DIODE 1SS119	
D651	8-719-911-19	DIODE 1SS119	
D652	8-719-911-19	DIODE 1SS119	
D653	8-719-911-19	DIODE 1SS119	
D660	8-719-911-19	DIODE 1SS119	
D661	8-719-911-19	DIODE 1SS119	
D801	8-719-302-38	DIODE RBV-602-01	
D802	8-719-024-99	DIODE 11ES2-NTA2B	
D803	8-719-024-99	DIODE 11ES2-NTA2B	
D804	8-719-024-99	DIODE 11ES2-NTA2B	
D805	8-719-024-99	DIODE 11ES2-NTA2B	
D806	8-719-160-26	DIODE RD5.6F-B2 (EXCEPT CND/SE491)	
D806	8-719-069-68	DIODE RD5.6F-T7 (CND/SE491)	
D807	8-719-934-17	DIODE HZS27-1L	
D809	8-719-210-21	DIODE 11EQS04	
		< FUSE >	
⚠F801	1-532-311-11	FUSE GLASS TUBE 8.0A 125V (MY,SP,AUS,E,CH)	
⚠F801	1-533-506-51	FUSE TL6.3A 250V(AEP,EE,CIS)	
⚠F802	1-532-506-51	FUSE TL6.3A 250V(AEP,EE,CIS)	
⚠F802	1-533-311-11	FUSE GLASS TUBE 8.0A 125V (MY,SP,AUS,E,CH)	
		< IC >	
IC809	8-759-708-05	IC NJM78L05A	
IC950	8-759-231-53	IC TA7805S	
		< COIL >	
L501	1-420-872-00	COIL, AIR-CORE	
L551	1-420-872-00	COIL, AIR-CORE	

Ref. No.	Part No.	Description	Remarks
		< TRANSISTOR >	
Q504	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q505	8-729-209-15	TRANSISTOR 2SD2012	
Q506	8-749-010-25	IC MN2488-OPY-M	
Q507	8-749-010-26	IC MP1620-OPY-M	
Q508	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q509	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q510	8-729-900-63	TRANSISTOR DTA124ES	
Q511	8-729-900-63	TRANSISTOR DTA124ES	
Q513	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q546	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q554	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q555	8-729-209-15	TRANSISTOR 2SD2012	
Q556	8-749-010-25	IC MN2488-OPY-M	
Q557	8-749-010-26	IC MP1620-OPY-M	
Q558	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q559	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q560	8-729-900-63	TRANSISTOR DTA124ES	
Q561	8-729-900-63	TRANSISTOR DTA124ES	
Q596	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q604	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q605	8-729-209-15	TRANSISTOR 2SD2012	
Q606	8-749-010-25	IC MN2488-OPY-M	
Q607	8-749-010-26	IC MP1620-OPY-M	
Q608	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q651	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q652	8-729-900-36	TRANSISTOR DTC124ES	
Q653	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q654	8-729-900-36	TRANSISTOR DTC124ES	
Q655	8-729-201-53	TRANSISTOR 2SA1015-GR	
Q656	8-729-900-63	TRANSISTOR DTA124ES	
Q657	8-729-900-36	TRANSISTOR DTC124ES	
Q660	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q661	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q662	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q801	8-729-140-97	TRANSISTOR 2SB734-34	
		< RESISTOR >	
R507	1-249-431-11	CARBON 15K 5% 1/4W	
R510	1-215-868-00	METAL OXIDE 680 5% 1W	F
R511	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R512	1-249-429-11	CARBON 10K 5% 1/4W	
R518	1-249-435-11	CARBON 33K 5% 1/4W (AEP,EE,CIS)	
R518	1-249-437-11	CARBON 47K 5% 1/4W (EXCEPT AEP,EE,CIS)	
R519	1-249-435-11	CARBON 33K 5% 1/4W (AEP,EE,CIS)	
R519	1-249-437-11	CARBON 47K 5% 1/4W (EXCEPT AEP,EE,CIS)	
R521	1-249-429-11	CARBON 10K 5% 1/4W	
R523	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R524	1-249-408-11	CARBON 180 5% 1/4W	F
R525	1-249-408-11	CARBON 180 5% 1/4W	F
R526	1-234-182-11	ENCAPSULATED COMPONENT	
R527	1-249-427-11	CARBON 6.8K 5% 1/4W	F
R528	1-249-419-11	CARBON 1.5K 5% 1/4W	F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
R529	1-249-432-11	CARBON	18K	5%	1/4W (AEP,EE,CIS)
R529	1-249-433-11	CARBON	22K	5%	1/4W (MY,SP,AUS,CH)
R529	1-247-866-11	CARBON	30K	5%	1/4W (US,CND,E)
R530	1-249-421-11	CARBON	2.2K	5%	1/4W F
R531	1-249-433-11	CARBON	22K	5%	1/4W
R532	1-249-437-11	CARBON	47K	5%	1/4W
R533	1-249-393-11	CARBON	10	5%	1/4W F
R534	1-249-389-11	CARBON	4.7	5%	1/4W F
R535	1-249-431-11	CARBON	15K	5%	1/4W
R539	1-249-427-11	CARBON	6.8K	5%	1/4W F
R546	1-249-425-11	CARBON	4.7K	5%	1/4W F
R547	1-249-429-11	CARBON	10K	5%	1/4W
R557	1-249-431-11	CARBON	15K	5%	1/4W
R560	1-215-868-00	METAL OXIDE	680	5%	1W F
R568	1-249-435-11	CARBON	33K	5%	1/4W (AEP,EE,CIS)
R568	1-249-437-11	CARBON	47K	5%	1/4W (EXCEPT AEP,EE,CIS)
R569	1-249-435-11	CARBON	33K	5%	1/4W (AEP,EE,CIS)
R569	1-249-437-11	CARBON	47K	5%	1/4W (EXCEPT AEP,EE,CIS)
R571	1-249-429-11	CARBON	10K	5%	1/4W
R573	1-249-421-11	CARBON	2.2K	5%	1/4W F (EXCEPT E)
R574	1-249-408-11	CARBON	180	5%	1/4W F
R575	1-249-408-11	CARBON	180	5%	1/4W F
R576	1-234-182-11	ENCAPSULATED COMPONENT			
R577	1-249-427-11	CARBON	6.8K	5%	1/4W F
R578	1-249-419-11	CARBON	1.5K	5%	1/4W F
R579	1-249-432-11	CARBON	18K	5%	1/4W (AEP,EE,CIS)
R579	1-249-433-11	CARBON	22K	5%	1/4W (MY,SP,AUS,CH)
R579	1-247-866-11	CARBON	30K	5%	1/4W (US,CND,E)
R580	1-249-421-11	CARBON	2.2K	5%	1/4W F
R581	1-249-433-11	CARBON	22K	5%	1/4W
R582	1-249-437-11	CARBON	47K	5%	1/4W
R583	1-249-393-11	CARBON	10	5%	1/4W F
R584	1-249-389-11	CARBON	4.7	5%	1/4W F
R585	1-249-431-11	CARBON	15K	5%	1/4W
R596	1-249-425-11	CARBON	4.7K	5%	1/4W F
R597	1-249-429-11	CARBON	10K	5%	1/4W
R607	1-249-431-11	CARBON	15K	5%	1/4W
R621	1-249-429-11	CARBON	10K	5%	1/4W
R623	1-249-421-11	CARBON	2.2K	5%	1/4W F
R624	1-249-408-11	CARBON	180	5%	1/4W F
R625	1-249-408-11	CARBON	180	5%	1/4W F
R626	1-234-182-11	ENCAPSULATED COMPONENT			
R627	1-249-427-11	CARBON	6.8K	5%	1/4W F
R628	1-249-419-11	CARBON	1.5K	5%	1/4W F
R632	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description			Remarks
R633	1-249-393-11	CARBON	10	5%	1/4W F
R651	1-215-888-00	METAL OXIDE	220	5%	2W F (DE435:US/DE535:US,E)
R651	1-215-889-00	METAL OXIDE	330	5%	2W F (AEP,EE,CIS,MY,SP,AU,CH)
R652	1-215-884-11	METAL OXIDE	47	5%	2W F (US,CND,E)
R653	1-216-456-00	METAL OXIDE	820	5%	2W F (EXCEPT AEP,EE,CIS)
R654	1-216-456-00	METAL OXIDE	820	5%	2W F (EXCEPT AEP,EE,CIS)
R655	1-249-441-11	CARBON	100K	5%	1/4W
R656	1-249-405-11	CARBON	100	5%	1/4W F
R657	1-249-441-11	CARBON	100K	5%	1/4W
R658	1-249-441-11	CARBON	100K	5%	1/4W
R659	1-215-888-00	METAL OXIDE	220	5%	2W F (DE435:US/DE535:US,E)
R659	1-215-889-00	METAL OXIDE	330	5%	2W F (AEP,EE,CIS,MY,SP,AU,CH)
R660	1-249-425-11	CARBON	4.7K	5%	1/4W F
R661	1-249-427-11	CARBON	6.8K	5%	1/4W F
R662	1-249-417-11	CARBON	1K	5%	1/4W F
R801	1-219-591-11	FUSIBLE	0.1	5%	1/2W F
R802	1-219-591-11	FUSIBLE	0.1	5%	1/2W F
R803	1-249-425-11	CARBON	4.7K	5%	1/4W F
R804	1-249-401-11	CARBON	47	5%	1/4W F
R805	1-249-381-11	CARBON	1	5%	1/4W F
R812	1-126-951-11	ELECT	470MF	20%	35V (DE435:US/DE535:US)
RR48	1-249-393-11	CARBON	10	5%	1/4W F (AEP,EE,CIS)
RR49	1-249-393-11	CARBON	10	5%	1/4W F (AEP,EE,CIS)
RR98	1-249-393-11	CARBON	10	5%	1/4W F (AEP,EE,CIS)
RR99	1-249-393-11	CARBON	10	5%	1/4W F (AEP,EE,CIS)
		< RELAY >			
RY501	1-515-920-11	RELAY (24V)			
RY502	1-515-920-11	RELAY (24V)			
RY503	1-515-793-11	RELAY			
		< SWITCH >			
S501	1-771-692-11	SWITCH, SLIDE (IMPEDANCE SELECTOR)			
		< TERMINAL >			
TM501	1-537-922-11	TERMINAL BOARD (SP)			
**********					
	A-4419-074-A	REAR AMP BOARD, COMPLETE **********			(EXCEPT AEP,EE,CIS)
	A-4419-229-A	REAR AMP BOARD, COMPLETE (AEP,EE,CIS) **********			
		< CAPACITOR >			
C720	1-104-664-11	ELECT	47uF	20%	16V
C721	1-107-597-11	CERAMIC	22PF	10%	500V
C722	1-107-597-11	CERAMIC	22PF	10%	500V
C723	1-162-286-31	CERAMIC	220PF	10%	50V
C725	1-136-157-00	FILM	0.022uF	5%	50V

REAR AMP REAR SPK

Ref. No.	Part No.	Description			Remarks
C770	1-104-664-11	ELECT	47uF	20%	16V
C771	1-107-597-11	CERAMIC	22PF	10%	500V
C772	1-107-597-11	CERAMIC	22PF	10%	500V
C773	1-162-286-31	CERAMIC	220PF	10%	50V
C775	1-136-157-00	FILM	0.022uF	5%	50V
		< CONNECTOR >			
* CNV712	1-564-241-11	PIN, CONNECTOR (B4P-VH) 4P			
		< DIODE >			
D701	8-719-911-19	DIODE 1SS119			
D702	8-719-109-51	DIODE RD2.0ES-B2			
D703	8-719-109-51	DIODE RD2.0ES-B2			
D704	8-719-911-19	DIODE 1SS119			
D751	8-719-911-19	DIODE 1SS119			
D752	8-719-109-51	DIODE RD2.0ES-B2			
D753	8-719-109-51	DIODE RD2.0ES-B2			
D754	8-719-911-19	DIODE 1SS119			
		< TRANSISTOR >			
Q704	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q705	8-729-209-15	TRANSISTOR 2SD2012			
Q706	8-749-010-25	IC MN2488-OPY-M			
Q707	8-749-010-26	IC MP1620-OPY-M			
Q708	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q754	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q755	8-729-209-15	TRANSISTOR 2SD2012			
Q756	8-749-010-25	IC MN2488-OPY-M			
Q757	8-749-010-26	IC MP1620-OPY-M			
Q758	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
		< RESISTOR >			
R707	1-249-431-11	CARBON	15K	5%	1/4W
R722	1-249-429-11	CARBON	10K	5%	1/4W
R723	1-249-421-11	CARBON	2.2K	5%	1/4W F
⚠R724	1-249-408-11	CARBON	180	5%	1/4W F
⚠R725	1-249-408-11	CARBON	180	5%	1/4W F
⚠R726	1-234-182-11	ENCAPSULATED COMPONENT			
R727	1-249-427-11	CARBON	6.8K	5%	1/4W F
R728	1-249-419-11	CARBON	1.5K	5%	1/4W F
R732	1-249-437-11	CARBON	47K	5%	1/4W
⚠R733	1-249-393-11	CARBON	10	5%	1/4W F
R757	1-249-431-11	CARBON	15K	5%	1/4W
R772	1-249-429-11	CARBON	10K	5%	1/4W
R773	1-249-421-11	CARBON	2.2K	5%	1/4W F
⚠R774	1-249-408-11	CARBON	180	5%	1/4W F
⚠R775	1-249-408-11	CARBON	180	5%	1/4W F
⚠R776	1-234-182-11	ENCAPSULATED COMPONENT			
R777	1-249-427-11	CARBON	6.8K	5%	1/4W F
R778	1-249-419-11	CARBON	1.5K	5%	1/4W F
R782	1-249-437-11	CARBON	47K	5%	1/4W
⚠R783	1-249-393-11	CARBON	10	5%	1/4W F

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Ref. No.	Part No.	Description	Remarks
	A-4419-218-A	REAR SPK BOARD, COMPLETE	
		**********	
			(DE435:US,CND/SE491)
	A-4419-076-A	REAR SPK BOARD, COMPLETE	
		**********	
			(DE535:US,CND,E)
	A-4419-207-A	REAR SPK BOARD, COMPLETE	
		**********	
			(DE535:MY,SP,AUS/V525)
	A-4419-224-A	REAR SPK BOARD, COMPLETE	
		**********	
			(DE435:MY,SP,AUS/V424)
	A-4419-230-A	REAR SPK BOARD, COMPLETE (AEP,EE,CIS)	
		**********	
		< CAPACITOR >	
C624	1-126-964-11	ELECT 10uF 20%	50V
C626	1-136-153-00	FILM 0.01uF 5%	50V
C724	1-126-964-11	ELECT 10uF 20%	50V
C726	1-136-153-00	FILM 0.01uF 5%	50V
		< CONNECTOR >	
* CN701	1-564-241-11	PIN, CONNECTOR (B4P-VH) 4P	
CNP601	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P	
CNS601	1-569-060-11	SOCKET, CONNECTOR 11P	
CNS601	1-569-928-11	SOCKET, CONNECTOR 11P	
			(EXCEPT DE535:US,CND,E)
		< DIODE >	
D605	8-719-911-19	DIODE 1SS119	
D606	8-719-911-19	DIODE 1SS119	
D607	8-719-911-19	DIODE 1SS119	
D646	8-719-911-19	DIODE 1SS119	
D696	8-719-911-19	DIODE 1SS119	
D705	8-719-911-19	DIODE 1SS119	
D707	8-719-911-19	DIODE 1SS119	
D746	8-719-911-19	DIODE 1SS119	
		< JACK >	
J651	1-770-377-21	JACK, PIN 1P (DE435/SE491/V424)	
J651	1-770-157-21	JACK, PIN 2P (DE535/V525)	
		< COIL >	
L601	1-420-872-00	COIL, AIR-CORE	
L701	1-420-872-00	COIL, AIR-CORE	
L751	1-420-872-00	COIL, AIR-CORE	
		< TRANSISTOR >	
Q609	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q610	8-729-900-63	TRANSISTOR DTA124ES	
Q611	8-729-900-63	TRANSISTOR DTA124ES	
Q646	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q696	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q709	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q710	8-729-900-63	TRANSISTOR DTA124ES	
Q746	8-729-119-79	TRANSISTOR 2SC2785-FEK	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R618	1-249-435-11	CARBON	33K	5% 1/4W	(AEP,EE,CIS)
R618	1-249-437-11	CARBON	47K	5% 1/4W	(EXCEPT AEP,EE,CIS)
R629	1-249-432-11	CARBON	18K	5% 1/4W	(AEP,EE,CIS)
R629	1-247-866-11	CARBON	30K	5% 1/4W	(US,CND,E)
R629	1-249-433-11	CARBON	22K	5% 1/4W	(MY,SP,AUS,CH)
R630	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R631	1-249-433-11	CARBON	22K	5% 1/4W	
⚠R634	1-249-389-11	CARBON	4.7	5% 1/4W	F
R635	1-249-431-11	CARBON	15K	5% 1/4W	
R636	1-249-433-11	CARBON	22K	5% 1/4W	
R646	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R647	1-249-429-11	CARBON	10K	5% 1/4W	
R648	1-249-404-00	CARBON	82	5% 1/4W	F
R649	1-249-404-00	CARBON	82	5% 1/4W	F
R668	1-249-420-11	CARBON	1.8K	5% 1/4W	F
R696	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R697	1-249-429-11	CARBON	10K	5% 1/4W	
⚠R698	1-249-410-11	CARBON	270	5% 1/4W	F
⚠R699	1-249-410-11	CARBON	270	5% 1/4W	F
R729	1-249-432-11	CARBON	18K	5% 1/4W	(AEP,EE,CIS)
R729	1-247-866-11	CARBON	30K	5% 1/4W	(US,CND,E)
R729	1-249-433-11	CARBON	22K	5% 1/4W	(MY,SP,AUS,CH)
R730	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R731	1-249-433-11	CARBON	22K	5% 1/4W	
⚠R734	1-249-389-11	CARBON	4.7	5% 1/4W	F
R735	1-249-431-11	CARBON	15K	5% 1/4W	
R746	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R747	1-249-429-11	CARBON	10K	5% 1/4W	
R748	1-249-404-00	CARBON	82	5% 1/4W	F
R749	1-249-404-00	CARBON	82	5% 1/4W	F
⚠R784	1-249-389-11	CARBON	4.7	5% 1/4W	F
		< RELAY >			
RY601	1-515-920-11	RELAY (24V)			
RY651	1-755-267-11	RELAY			
RY701	1-515-920-11	RELAY (24V)			
		< TERMINAL >			
TM701	1-537-510-11	TERMINAL BOARD (SPEAKER) (6P)			
**********					
	1-672-997-11	SPK SELECT BOARD			
		**********			
		< CONNECTOR >			
* CNS107	1-695-808-11	CONNECTOR, PC BOARD 8P			

Ref. No.	Part No.	Description			Remarks
		< DIODE >			
D117	8-719-911-19	DIODE 1SS119			
D118	8-719-911-19	DIODE 1SS119			
		< SWITCH >			
S101	1-762-196-21	SWITCH, TACT (I/⏻)			
SW101	1-762-268-11	SWITCH, ROTARY (SPEAKERS)			
**********					
	1-672-995-11	STANDBY BOARD			
		**********			
		< CAPACITOR >			
C901	1-161-494-00	CERAMIC	0.022uF		25V
C902	1-161-494-00	CERAMIC	0.022uF		25V
C903	1-126-767-11	ELECT	1000uF	20%	16V
C904	1-126-960-11	ELECT	1uF	20%	50V
C905	1-126-964-11	ELECT	10uF	20%	50V
C906	1-124-464-11	ELECT	0.22uF	20%	50V
C907	1-161-494-00	CERAMIC	0.022uF		25V
C908	1-164-159-11	CERAMIC	0.1uF		50V
C914	1-164-159-11	CERAMIC	0.1uF		50V
C917	1-164-159-11	CERAMIC	0.1uF		50V
		< JACK >			
CNJ901	1-785-834-11	OUTLET (1P) (DE435:US,CND/V424)			
CNJ901	1-785-285-11	OUTLET, AC (1P) (AEP,E,EE,CIS,MY,SP)			
CNJ901	1-251-417-11	OUTLET, A.C. (AUS)			
CNJ901	1-251-718-11	OUTLET (2 GANG), AC (DE535:US,CND,E/SE491/V525)			
		< CONNECTOR >			
CNP901	1-564-321-00	PIN, CONNECTOR 2P			
* CNP902	1-565-792-11	PIN, CONNECTOR 2P			
* CNP903	1-573-565-11	PIN, CONNECTOR 5P (DE535:E)			
		< DIODE >			
D901	8-719-024-99	DIODE 11ES2-NTA2B			
D902	8-719-024-99	DIODE 11ES2-NTA2B			
D903	8-719-024-99	DIODE 11ES2-NTA2B			
D904	8-719-024-99	DIODE 11ES2-NTA2B			
D905	8-719-911-19	DIODE 1SS119			
D906	8-719-911-19	DIODE 1SS119			
D907	8-719-911-19	DIODE 1SS119			
		< EARTH >			
* EB900	1-537-738-21	TERMINAL, EARTH (US,CND)			
* EB901	1-537-738-21	TERMINAL, EARTH			
		< FUSE >			
⚠F901	1-532-504-31	FUSE T4AL 250V (E,MY,SP,AUS,CH)			
⚠F901	1-532-506-51	FUSE TL6.3A 250V (AEP,EE,CIS)			
⚠F901	1-533-310-11	FUSE, GLASS TUBE (6.3A/125V) (US,CND)			
⚠F903	1-532-464-31	FUSE T2.5AL 250V (AEP,EE,CIS,MY,SP,AUS,CH)			
⚠F904	1-532-504-31	FUSE T4AL 250V (DE535:E)			

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SURR

Ref. No.	Part No.	Description			Remarks
		< IC >			
IC901	8-759-333-83	IC NJM2103D			
		<TRANSISTOR >			
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q902	8-729-026-68	TRANSISTOR 2SD2525 (TP)			
		< RESISTOR >			
R901	1-202-725-00	SOLID	3.3M	10%	1/2W (US,CND)
R902	1-249-429-11	CARBON	10K	5%	1/4W
R903	1-249-425-11	CARBON	4.7K	5%	1/4W F
R904	1-249-421-11	CARBON	2.2K	5%	1/4W F
R905	1-249-428-11	CARBON	8.2K	5%	1/4W F
R906	1-249-421-11	CARBON	2.2K	5%	1/4W F
R908	1-249-433-11	CARBON	22K	5%	1/4W
R909	1-249-437-11	CARBON	47K	5%	1/4W
R910	1-249-429-11	CARBON	10K	5%	1/4W
R912	1-247-843-11	CARBON	3.3K	5%	1/4W
		< RELAY >			
⚠RY901	1-755-298-11	RELAY (EXCEPT DE435:US,CND)			
⚠RY901	1-515-999-11	RELAY, POWER (DE435:US,CND)			
		< TRANSFORMER >			
⚠T902	1-433-687-11	TRANSFORMER, POWER (AEP,EE,CIS,AUS,E)			
⚠T902	1-433-685-11	TRANSFORMER, POWER (MY,SP,CH)			
⚠T902	1-433-686-11	TRANSFORMER, POWER (US,CND)			
**********					
	A-4419-083-A	SURR BOARD, COMPLETE (DE535/V525)			
		**********			
	A-4419-203-A	SURR BOARD, COMPLETE (SE491)			
		**********			
	A-4419-221-A	SURR BOARD, COMPLETE			
		**********			
		(EXCEPT AEP,EE,CIS/DE535/SE491/V525)			
	A-4419-234-A	SURR BOARD, COMPLETE (AEP,EE,CIS)			
		**********			
		< CAPACITOR >			
C219	1-126-964-11	ELECT	10uF	20%	50V
C221	1-126-964-11	ELECT	10uF	20%	50V
C223	1-126-964-11	ELECT	10uF	20%	50V
C225	1-126-964-11	ELECT	10uF	20%	50V
C269	1-126-964-11	ELECT	10uF	20%	50V
C271	1-126-964-11	ELECT	10uF	20%	50V
C280	1-126-960-11	ELECT	1uF	20%	50V (DE435/DE535/V424/V525)
C281	1-126-960-11	ELECT	1uF	20%	50V (DE435/DE535/V424/V525)
C282	1-126-960-11	ELECT	1uF	20%	50V (DE435/DE535/V424/V525)
C283	1-162-215-31	CERAMIC	47PF	5%	50V (DE435/DE535/V424/V525)
C284	1-162-215-31	CERAMIC	47PF	5%	50V (DE435/DE535/V424/V525)
C285	1-104-664-11	ELECT	47uF	20%	16V (DE435/DE535/V424/V525)
C287	1-164-159-11	CERAMIC	0.1uF		50V (DE435/DE535/V424/V525)
C289	1-164-159-11	CERAMIC	0.1uF		50V (DE435/DE535/V424/V525)
C290	1-104-664-11	ELECT	47uF	20%	16V (DE435/DE535/V424/V525)
C291	1-126-960-11	ELECT	1uF	20%	50V (DE435/DE535/V424/V525)
C301	1-124-250-11	ELECT	0.15uF	20%	50V
C302	1-126-962-11	ELECT	3.3uF	20%	50V
C303	1-124-250-11	ELECT	0.15uF	20%	50V
C304	1-126-963-11	ELECT	4.7uF	20%	50V
C305	1-126-959-11	ELECT	0.47uF	20%	50V
C306	1-126-963-11	ELECT	4.7uF	20%	50V
C307	1-126-959-11	ELECT	0.47uF	20%	50V
C308	1-136-165-00	FILM	0.1uF	5%	50V
C309	1-136-165-00	FILM	0.1uF	5%	50V
C310	1-136-177-00	FILM	1uF	5%	50V
C311	1-126-963-11	ELECT	4.7uF	20%	50V
C312	1-126-963-11	ELECT	4.7uF	20%	50V
C313	1-126-925-11	ELECT	470uF	20%	10V
C314	1-126-964-11	ELECT	10uF	20%	50V
C315	1-126-964-11	ELECT	10uF	20%	50V
C316	1-126-964-11	ELECT	10uF	20%	50V
C317	1-126-964-11	ELECT	10uF	20%	50V
C318	1-126-925-11	ELECT	470uF	20%	10V
C319	1-136-161-00	FILM	0.047uF	5%	50V
C320	1-136-157-00	FILM	0.022uF	5%	50V
C321	1-130-469-00	MYLAR	680PF	5%	50V
C322	1-126-959-11	ELECT	0.47uF	20%	50V
C323	1-164-159-11	CERAMIC	0.1uF		50V
C324	1-126-925-11	ELECT	470uF	20%	10V
C325	1-126-964-11	ELECT	10uF	20%	50V
C326	1-136-177-00	FILM	1uF	5%	50V
C327	1-136-165-00	FILM	0.1uF	5%	50V
C328	1-136-165-00	FILM	0.1uF	5%	50V
C329	1-126-959-11	ELECT	0.47uF	20%	50V
C330	1-126-963-11	ELECT	4.7uF	20%	50V
C331	1-126-959-11	ELECT	0.47uF	20%	50V
C332	1-126-963-11	ELECT	4.7uF	20%	50V
C333	1-124-250-11	ELECT	0.15uF	20%	50V
C334	1-126-962-11	ELECT	3.3uF	20%	50V
C335	1-124-250-11	ELECT	0.15uF	20%	50V
C337	1-136-165-00	FILM	0.1uF	5%	50V
C338	1-136-177-00	FILM	1uF	5%	50V
C339	1-126-959-11	ELECT	0.47uF	20%	50V
C340	1-126-925-11	ELECT	470uF	20%	10V
C341	1-164-159-11	CERAMIC	0.1uF		50V
C342	1-136-165-00	FILM	0.1uF	5%	50V
C343	1-137-358-11	FILM	0.0001uF	5%	50V
C344	1-126-934-11	ELECT	220uF	20%	10V
C345	1-126-964-11	ELECT	10uF	20%	50V

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
C346	1-126-964-11	ELECT	10uF	20%	50V
C347	1-126-964-11	ELECT	10uF	20%	50V
C348	1-126-964-11	ELECT	10uF	20%	50V
C349	1-137-358-11	FILM	0.0001uF	5%	50V
C350	1-126-961-11	ELECT	2.2uF	20%	50V
C351	1-164-159-11	CERAMIC	0.1uF		50V
C352	1-124-252-00	ELECT	0.33uF	20%	50V
C353	1-136-177-00	FILM	1uF	5%	50V
C354	1-136-165-00	FILM	0.1uF	5%	50V
C355	1-136-164-00	FILM	0.082uF	5%	50V
C356	1-130-477-00	MYLAR	0.0033uF	5%	50V
C357	1-136-164-00	FILM	0.082uF	5%	50V
C358	1-126-925-11	ELECT	470uF	20%	10V
C359	1-102-953-00	CERAMIC	18PF	5%	50V
C360	1-102-518-11	CERAMIC	33PF	5%	50V
C361	1-102-973-00	CERAMIC	100PF	5%	50V
C362	1-102-852-91	CERAMIC	47PF	5%	50V
C363	1-102-951-00	CERAMIC	15PF	5%	50V
C364	1-136-165-00	FILM	0.1uF	5%	50V
C365	1-164-159-11	CERAMIC	0.1uF		50V
C366	1-126-956-91	ELECT	0.1uF	20%	50V
C367	1-162-282-31	CERAMIC	100PF	10%	50V
C368	1-137-358-11	FILM	0.0001uF	5%	50V
C401	1-126-966-11	ELECT	33uF	20%	50V
C402	1-102-508-91	CERAMIC	10PF	0.5PF	50V
C403	1-126-966-11	ELECT	33uF	20%	50V
C404	1-162-282-31	CERAMIC	100PF	10%	50V
C405	1-136-157-00	FILM	0.022uF	5%	50V
C406	1-130-476-00	MYLAR	0.0027uF	5%	50V
C407	1-110-335-11	MYLAR	100PF	5%	50V
C408	1-136-495-11	FILM	0.068uF	5%	50V
C409	1-136-153-00	FILM	0.01uF	5%	50V
C410	1-126-933-11	ELECT	100uF	20%	16V
C411	1-136-171-00	FILM	0.33uF	5%	50V
C412	1-136-159-00	FILM	0.033uF	5%	50V
C413	1-164-159-11	CERAMIC	0.1uF		50V
C414	1-164-159-11	CERAMIC	0.1uF		50V
C417	1-162-199-31	CERAMIC	10PF	5%	50V
C418	1-126-965-11	ELECT	22µF	20%	50V
C419	1-162-199-31	CERAMIC	10pF	5%	50V
C420	1-126-965-11	ELECT	22uF	20%	50V
C421	1-164-159-11	CERAMIC	0.1uF		50V
C422	1-164-159-11	CERAMIC	0.1uF		50V
C423	1-164-159-11	CERAMIC	0.1uF		50V
C424	1-164-159-11	CERAMIC	0.1uF		50V
C440	1-164-159-11	CERAMIC	0.1uF		50V
C441	1-164-159-11	CERAMIC	0.1uF		50V
C450	1-126-965-11	ELECT	22uF	20%	50V
C451	1-126-966-11	ELECT	33uF	20%	50V
C452	1-102-508-91	CERAMIC	10PF	0.5PF	50V
C453	1-126-966-11	ELECT	33uF	20%	50V
C455	1-136-157-00	FILM	0.022uF	5%	50V
C456	1-130-476-00	MYLAR	0.0027uF	5%	50V
C457	1-110-335-11	MYLAR	100PF	5%	50V
C458	1-136-495-11	FILM	0.068uF	5%	50V
C459	1-136-153-00	FILM	0.01uF	5%	50V
C460	1-126-933-11	ELECT	100uF	20%	16V
C461	1-136-171-00	FILM	0.33uF	5%	50V
C462	1-136-159-00	FILM	0.033uF	5%	50V

Ref. No.	Part No.	Description			Remarks
C467	1-162-199-31	CERAMIC	10PF	5%	50V
C468	1-126-965-11	ELECT	22uF	20%	50V
C469	1-162-199-31	CERAMIC	10PF	5%	50V
C470	1-126-965-11	ELECT	22uF	20%	50V
		< CONNECTOR >			
CNS201	1-569-932-11	SOCKET, CONNECTOR 15P			
* CNS203	1-569-932-11	SOCKET, CONNECTOR 15P			
					(DE435:US,CND/DE535/V525)
CNS203	1-569-930-11	SOCKET, CONNECTOR 13P			
					(DE435:EXCEPT US,CND/SE491/V424)
CNS403	1-569-928-11	SOCKET, CONNECTOR 11P			
		< DIODE >			
D401	8-719-911-19	DIODE 1SS119			
D402	8-719-911-19	DIODE 1SS119			
D403	8-719-911-19	DIODE 1SS119			
D404	8-719-911-19	DIODE 1SS119			
D405	8-719-911-19	DIODE 1SS119			
D406	8-719-911-19	DIODE 1SS119			
D407	8-719-911-19	DIODE 1SS119			
D408	8-719-911-19	DIODE 1SS119			
SVC300	8-719-070-77	DIODE SVC201SPA-M1-AC			
		< IC >			
IC280	8-759-700-65	IC NJM79L05A (DE435/DE535/V424/V525)			
IC281	8-759-333-84	IC NJM2279D (DE435/DE535/V424/V525)			
IC301	8-759-528-35	IC CXA8079S			
IC302	8-759-579-62	IC LV1018			
IC303	8-759-604-38	IC M5F78M10 (EXCEPT AEP,EE,CIS)			
IC400	8-759-636-74	IC M5218AP-22			
IC401	8-759-462-99	IC TC9184P			
IC402	8-759-636-74	IC M5218AP-22			
IC403	8-759-636-74	IC M5218AP-22			
		< JACK >			
J204	1-779-380-11	JACK, PIN 6P			
J280	1-770-336-11	JACK, PIN 2P (DE435/DE535/V424/V525)			
J281	1-774-821-11	JACK, PIN 3P (DE435/DE535/V424/V525)			
J283	1-563-330-11	JACK (DE535/V525)			
		< COIL >			
L300	1-410-509-11	INDUCTOR 10uH			
L301	1-410-509-11	INDUCTOR 10uH			
		< TRANSISTOR >			
Q401	8-729-202-67	TRANSISTOR 2SK246-GR3			
Q402	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q403	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q404	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q405	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q406	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q407	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q408	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q409	8-729-141-30	TRANSISTOR 2SC3623A-LK			
Q421	8-729-900-36	DTC124ES			
Q422	8-729-900-63	DTA124ES			
Q451	8-729-202-67	TRANSISTOR 2SK246-GR3			
Q452	8-729-141-30	TRANSISTOR 2SC3623A-LK			

SURR

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R219	1-249-417-11	CARBON	1K	5%	1/4W F
R220	1-249-441-11	CARBON	100K	5%	1/4W
R221	1-249-417-11	CARBON	1K	5%	1/4W F
R222	1-249-441-11	CARBON	100K	5%	1/4W
R223	1-249-417-11	CARBON	1K	5%	1/4W F
R224	1-249-441-11	CARBON	100K	5%	1/4W
R225	1-249-417-11	CARBON	1K	5%	1/4W F
R226	1-249-441-11	CARBON	100K	5%	1/4W
R269	1-249-417-11	CARBON	1K	5%	1/4W
R270	1-249-441-11	CARBON	100K	5%	1/4W
R271	1-249-417-11	CARBON	1K	5%	1/4W F
R272	1-249-441-11	CARBON	100K	5%	1/4W
R280	1-247-804-11	CARBON	75	5%	1/4W (DE435/DE535/V424/V525)
R281	1-247-804-11	CARBON	75	5%	1/4W (DE435/DE535/V424/V525)
R282	1-247-804-11	CARBON	75	5%	1/4W (DE435/DE535/V424/V525)
R283	1-247-804-11	CARBON	75	5%	1/4W (DE435/DE535/V424/V525)
R284	1-247-804-11	CARBON	75	5%	1/4W (DE435/DE535/V424/V525)
R311	1-249-441-11	CARBON	100K	5%	1/4W
R312	1-249-441-11	CARBON	100K	5%	1/4W
R313	1-249-439-11	CARBON	68K	5%	1/4W
R314	1-249-441-11	CARBON	100K	5%	1/4W
R315	1-249-436-11	CARBON	39K	5%	1/4W
R351	1-249-436-11	CARBON	39K	5%	1/4W
R400	1-247-852-11	CARBON	7.5K	5%	1/4W
R401	1-249-429-11	CARBON	10K	5%	1/4W
R402	1-249-440-11	CARBON	82K	5%	1/4W
R403	1-247-895-00	CARBON	470K	5%	1/4W
R404	1-249-429-11	CARBON	10K	5%	1/4W
R405	1-249-418-11	CARBON	1.2K	5%	1/4W F
R406	1-249-426-11	CARBON	5.6K	5%	1/4W
R407	1-249-434-11	CARBON	27K	5%	1/4W
R408	1-249-441-11	CARBON	100K	5%	1/4W
R409	1-249-426-11	CARBON	5.6K	5%	1/4W
R410	1-249-426-11	CARBON	5.6K	5%	1/4W
R411	1-247-843-11	CARBON	3.3K	5%	1/4W
R412	1-249-421-11	CARBON	2.2K	5%	1/4W F
R413	1-247-903-00	CARBON	1M	5%	1/4W
R414	1-249-441-11	CARBON	100K	5%	1/4W
R415	1-247-843-11	CARBON	3.3K	5%	1/4W
R416	1-247-883-00	CARBON	150K	5%	1/4W
R417	1-249-413-11	CARBON	470	5%	1/4W F
R418	1-249-427-11	CARBON	6.8K	5%	1/4W F
R419	1-247-903-00	CARBON	1M	5%	1/4W
R420	1-249-441-11	CARBON	100K	5%	1/4W
R422	1-249-429-11	CARBON	10K	5%	1/4W
R423	1-249-418-11	CARBON	1.2K	5%	1/4W F
R424	1-249-417-11	CARBON	1K	5%	1/4W F
R425	1-249-441-11	CARBON	100K	5%	1/4W
R426	1-249-418-11	CARBON	1.2K	5%	1/4W F
R427	1-249-417-11	CARBON	1K	5%	1/4W F

Ref. No.	Part No.	Description			Remarks
R428	1-249-441-11	CARBON	100K	5%	1/4W
R430	1-249-441-11	CARBON	100K	5%	1/4W
R431	1-249-429-11	CARBON	10K	5%	1/4W
R432	1-249-433-11	CARBON	22K	5%	1/4W
R433	1-249-429-11	CARBON	10K	5%	1/4W
R434	1-249-441-11	CARBON	100K	5%	1/4W
R435	1-249-429-11	CARBON	10K	5%	1/4W
R436	1-249-433-11	CARBON	22K	5%	1/4W
R437	1-249-429-11	CARBON	10K	5%	1/4W
R438	1-249-425-11	CARBON	4.7K	5%	1/4W F
R439	1-249-429-11	CARBON	10K	5%	1/4W
R440	1-249-441-11	CARBON	100K	5%	1/4W
R445	1-249-417-11	CARBON	1K	5%	1/4W F
R446	1-249-429-11	CARBON	10K	5%	1/4W
R447	1-249-441-11	CARBON	100K	5%	1/4W
R450	1-247-852-11	CARBON	7.5K	5%	1/4W
R451	1-249-429-11	CARBON	10K	5%	1/4W
R452	1-249-440-11	CARBON	82K	5%	1/4W
R453	1-247-895-00	CARBON	470K	5%	1/4W
R454	1-249-429-11	CARBON	10K	5%	1/4W
R455	1-249-418-11	CARBON	1.2K	5%	1/4W F
R456	1-249-426-11	CARBON	5.6K	5%	1/4W
R457	1-249-434-11	CARBON	27K	5%	1/4W
R458	1-249-441-11	CARBON	100K	5%	1/4W
R459	1-249-426-11	CARBON	5.6K	5%	1/4W
R460	1-249-426-11	CARBON	5.6K	5%	1/4W
R461	1-247-843-11	CARBON	3.3K	5%	1/4W
R462	1-249-421-11	CARBON	2.2K	5%	1/4W F
R463	1-247-903-00	CARBON	1M	5%	1/4W
R464	1-249-441-11	CARBON	100K	5%	1/4W
R465	1-247-843-11	CARBON	3.3K	5%	1/4W
R466	1-247-883-00	CARBON	150K	5%	1/4W
R467	1-249-413-11	CARBON	470	5%	1/4W F
R468	1-249-427-11	CARBON	6.8K	5%	1/4W F
R480	1-249-441-11	CARBON	100K	5%	1/4W
R481	1-249-429-11	CARBON	10K	5%	1/4W
R482	1-249-433-11	CARBON	22K	5%	1/4W
R483	1-249-429-11	CARBON	10K	5%	1/4W
R484	1-249-418-11	CARBON	1.2K	5%	1/4W F
R485	1-249-417-11	CARBON	1K	5%	1/4W F
R486	1-249-429-11	CARBON	10K	5%	1/4W
R487	1-249-418-11	CARBON	1.2K	5%	1/4W F
R488	1-249-417-11	CARBON	1K	5%	1/4W F
R489	1-249-429-11	CARBON	10K	5%	1/4W
R490	1-249-418-11	CARBON	1.2K	5%	1/4W F
R491	1-249-417-11	CARBON	1K	5%	1/4W F
R492	1-249-429-11	CARBON	10K	5%	1/4W
R493	1-249-418-11	CARBON	1.2K	5%	1/4W F
R494	1-249-417-11	CARBON	1K	5%	1/4W F
R497	1-249-441-11	CARBON	100K	5%	1/4W
		< RELAY >			
RY401	1-515-614-11	RELAY			

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Ref. No.	Part No.	Description			Remarks
	A-4419-075-A	VOL BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C090	1-126-960-11	ELECT	1uF	20%	50V
C091	1-126-960-11	ELECT	1uF	20%	50V
		< CONNECTOR >			
CNP105	1-770-388-11	PIN, CONNECTOR (PC BOARD) 4P			
CNP401	1-770-389-11	PIN, CONNECTOR (PC BOARD) 5P			
CNS402	1-569-904-11	SOCKET, CONNECTOR 9P			
CNS404	1-569-906-11	SOCKET, CONNECTOR 11P			
		< VARIABLE RESISTOR >			
RV401	1-225-776-11	RES, VAR, CARBON 100K/100K × 5			(MASTER VOLUME)
**********					
	1-672-996-11	VOLTAGE SELECTOR BOARD (DE535:E)			
		**********			
1-533-399-31		HOLDER, FUSE			
		< CONNECTOR >			
* CNP906	1-566-664-11	PIN, CONNECTOR 4P			
		< SWITCH >			
⚠S901	1-571-437-11	SWITCH POWER VOLTAGE CHANGE			
**********					
		MISCELLANEOUS			
		**********			
27	1-769-991-11	WIRE (FLAT TYPE) (13 CORE)			(DE435,SE491,V424)
27	1-773-024-11	WIRE (FLAT TYPE) (15 CORE)(DE535/V525)			
28	1-773-012-11	WIRE (FLAT TYPE) (15 CORE)			
62	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)			
⚠65	1-696-847-11	CORD, POWER (DE435:AUS/DE535:AUS)			
⚠65	1-777-070-21	CORD, POWER (DE435:CND/DE535:CND)			
⚠65	1-777-071-21	CORD, POWER			(DE435:AEP,EE,CIS,MY,SP/DE535:E,MY,SP)
⚠65	1-783-205-11	CORD, POWER (V424/V525)			
⚠65	1-783-820-11	CORD, POWER (DE435:US/DE535:US/SE491)			
69	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)			
70	1-769-942-11	WIRE (FLAT TYPE) (11 CORE)			
71	1-769-909-11	WIRE (FLAT TYPE) (9 CORE)			
73	1-693-407-62	TUNER			(DE435:US,CND/DE535:US,CND,E/SE491)
73	1-693-408-41	TUNER			(DE435:AEP,MY,SP,AUS/DE535:MY,SP,AUS/V424/V525)
73	1-693-411-43	TUNER (DE435:EE,CIS)			

Ref. No.	Part No.	Description	Remarks
74	1-773-004-11	WIRE (FLAT TYPE) (15 CORE)	
⚠T901	1-433-679-11	TRANSFORMER, POWER	(DE435:CND/DE535:CND)
⚠T901	1-433-680-11	TRANSFORMER, POWER	(DE435:US/DE535:US)
⚠T901	1-433-680-21	TRANSFORMER, POWER (SE491)	
⚠T901	1-433-681-11	TRANSFORMER, POWER (DE435:AEP,EE,CIS)	
⚠T901	1-433-682-11	TRANSFORMER, POWER	(DE435:AUS/DE535:AUS)
⚠T901	1-433-683-11	TRANSFORMER, POWER	(DE435:MY,SP/DE535:MY,SP/V424/V525)
⚠T901	1-433-684-11	TRANSFORMER, POWER (DE535:E)	
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		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-418-293-11	REMOTE COMMANDER (RM-LJ302)	(DE535/V525)
	1-501-374-11	ANTENNA LOOP	
	1-501-594-11	ANTENNA (FM) (EXCEPT US,CND)	
	3-866-247-11	MANUAL,INSTRUCTION (ENGLISH) (US)	
	3-866-247-21	MANUAL,INSTRUCTION (FRENCH)	(CND,MY,SP,E,AUS)
	3-866-247-31	MANUAL,INSTRUCTION (ENGLISH,CHINESE)	(CH)
	3-866-247-41	MANUAL,INSTRUCTION	(SWEDISH,SPANISH,ITALIAN,PORTUGUESE) (AEP)
	3-866-247-51	MANUAL,INSTRUCTION	(ENGLISH,FRENCH,DUTCH,GERMAN) (AEP)
	3-866-247-61	MANUAL,INSTRUCTION	(ENGLISH,RUSSIAN,POLISH) (EE,CIS)
	3-866-295-11	MANUAL,INSTRUCTION (RM-LJ302)(ENGLISH)	(DE535/V525)
	3-866-295-21	MANUAL,INSTRUCTION(RM-LJ302)	(FRENCH,SPANISH) (DE535:CND,E)
	3-866-295-31	MANUAL,INSTRUCTION (RM-LJ302)(CHINESE)	(DE535:MY,SP/V525)
	3-866-296-11	MANUAL,INSTRUCTION (RM-PP402)	(ENGLISH) (DE435/SE491/V424)
	3-866-296-21	MANUAL,INSTRUCTION (RM-PP402)	(FRENCH,SPANISH) (DE435:CND/AEP)
	3-866-296-31	MANUAL,INSTRUCTION (RM-PP402)(CHINESE)	(DE435:MY,SP/V424)
	3-866-296-41	MANUAL,INSTRUCTION (RM-PP402)	(DUTCH,SWEDISH,GERMAN,ITALIAN,PORTUGUESE) (DE435:AEP)
	3-866-296-51	MANUAL,INSTRUCTION (RM-PP402)	(DANISH,FINNISH) (DE435:AEP)
	3-866-296-61	MANUAL,INSTRUCTION (RM-PP402)	(POLISH,RUSSIAN) (DE435:EE,CIS)
	3-866-296-71	MANUAL,INSTRUCTION (RM-PP402) (CZECH)	(DE435:EE,CIS)
	3-866-419-11	MANUAL (RECV.HOOK-UP)(EXCEPT SE491)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remarks
	3-866-670-11	MANUAL,COMMONNESS INSTRUCTION (ENGLISH) (DE535:US,AUS)	
	3-866-670-21	MANUAL,COMMONNESS INSTRUCTION (ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH) (DE535:CND,E,MY,SP)	
	3-866-670-41	MANUAL,COMMONNESS INSTRUCTION (ENGLISH,ARABIC,CHINESE)(V525)	
	4-981-643-11	COVER,BATTERY (FOR RM-JL302) (DE535/V525)	
	4-987-977-01	COVER BATTERY(FOR RM-PP402) (DE435,SE491,V424)	
	8-917-666-90	REMOTE COMMANDER(RM-PP402) (DE435,SE491,V424)	

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HARDWARE LIST
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#1	7-685-646-79	SCREW +BVTP 3 × 8 TYPE2 TT(B)
#2	7-685-881-09	SCREW +BVTT 4 × 8 (S)

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